

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002057.D
 Acq On : 27 May 2018 09:09
 Operator : JC/MD
 Sample : J3130-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:54:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	1551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	1767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	43800	1579.85	ug/l	0.00
Spiked Amount	50.000		Recovery	= 3159.70%		
35) Dibromofluoromethane	5.51	113	31500	1782.68	ug/l	0.00
Spiked Amount	50.000		Recovery	= 3565.36%		
50) Toluene-d8	8.72	98	90677	1417.45	ug/l	0.00
Spiked Amount	50.000		Recovery	= 2834.90%		
62) 4-Bromofluorobenzene	11.14	95	30745	1228.36	ug/l	0.00
Spiked Amount	50.000		Recovery	= 2456.72%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.35	85	39	Below Cal	#	41
3) Chloromethane	1.33	50	774	32.43	ug/l #	70
4) Vinyl Chloride	1.39	62	88	3.82	ug/l #	43
5) Bromomethane	1.65	94	575	54.30	ug/l #	55
6) Chloroethane	1.73	64	70	5.15	ug/l #	39
7) Trichlorofluoromethane	1.93	101	58	1.68	ug/l	90
8) Diethyl Ether	2.19	74	3717	296.06	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.41	101	19	0.98	ug/l #	13
10) Methyl Iodide	2.53	142	493	18.87	ug/l #	71
11) Tert butyl alcohol	3.03	59	3337	613.19	ug/l #	90
12) 1,1-Dichloroethene	2.39	96	63	3.48	ug/l #	1
13) Acrolein	2.29	56	72	30.60	ug/l #	14
14) Allyl chloride	2.74	41	287	7.56	ug/l #	73
15) Acrylonitrile	3.16	53	120	10.72	ug/l #	17
16) Acetone	2.45	43	14979	1399.96	ug/l	96
17) Carbon Disulfide	2.57	76	676	12.99	ug/l	100
18) Methyl Acetate	2.78	43	29803	1182.01	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	115	1.69	ug/l	98
20) Methylene Chloride	2.86	84	121599	6788.46	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	217	11.10	ug/l #	17
22) Diisopropyl ether	3.88	45	82	1.06	ug/l #	35
23) Vinyl Acetate	3.82	43	120	1.88	ug/l #	74
24) 1,1-Dichloroethane	3.70	63	99	2.70	ug/l #	1
25) 2-Butanone	4.71	43	5205	265.42	ug/l	93
26) 2,2-Dichloropropane	4.66	77	151	4.07	ug/l	81
27) cis-1,2-Dichloroethene	4.61	96	19	0.81	ug/l #	1
28) Bromochloromethane	5.03	49	62	2.06	ug/l #	14
29) Tetrahydrofuran	5.18	42	1658	129.95	ug/l #	75
30) Chloroform	5.23	83	3517	85.14	ug/l	84
31) Cyclohexane	5.58	56	170	4.45	ug/l #	36
32) 1,1,1-Trichloroethane	5.53	97	39	1.01	ug/l #	23
36) 1,1-Dichloropropene	5.66	75	126	5.13	ug/l #	33
37) Ethyl Acetate	4.87	43	175	5.46	ug/l #	1
38) Carbon Tetrachloride	5.67	117	213	7.43	ug/l #	11

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.48	83	87	2.88	ug/l #	75
40) Benzene	6.15	78	242	3.36	ug/l #	62
41) Methacrylonitrile	5.07	41	228	12.46	ug/l #	45
42) 1,2-Dichloroethane	6.20	62	22	0.76	ug/l #	76
43) Isopropyl Acetate	6.48	43	274	5.13	ug/l #	63
44) Trichloroethene	7.21	130	2273	108.32	ug/l	72
45) 1,2-Dichloropropane	7.39	63	24	1.23	ug/l #	1
46) Dibromomethane	7.58	93	25	1.93	ug/l #	1
47) Bromodichloromethane	7.90	83	1181	42.78	ug/l #	84
48) Methyl methacrylate	7.81	41	129	4.75	ug/l #	73
51) 4-Methyl-2-Pentanone	8.66	43	1283	39.86	ug/l	92
52) Toluene	8.79	92	561	12.24	ug/l	80
53) t-1,3-Dichloropropene	8.57	75	52	1.64	ug/l	99
54) cis-1,3-Dichloropropene	9.22	75	19	0.61	ug/l #	31
55) 1,1,2-Trichloroethane	9.27	97	51	2.66	ug/l #	15
56) Ethyl methacrylate	9.20	69	111	3.37	ug/l #	19
58) 2-Chloroethyl Vinyl ether	8.32	63	21	1.44	ug/l #	48
59) 2-Hexanone	9.50	43	1520	61.25	ug/l	97
60) Dibromochloromethane	9.59	129	291	12.83	ug/l	91
61) 1,2-Dibromoethane	9.51	107	18	0.90	ug/l #	3
64) Tetrachloroethene	9.35	164	78	5.24	ug/l #	17
65) Chlorobenzene	10.14	112	228	6.93	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	10.48	131	22	1.66	ug/l #	8
67) Ethyl Benzene	10.26	91	1285	22.47	ug/l	93
68) m/p-Xylenes	10.36	106	2323	106.25	ug/l	92
69) o-Xylene	10.70	106	1456	66.70	ug/l	85
70) Styrene	10.71	104	334	9.23	ug/l #	1
73) Isopropylbenzene	11.03	105	451	9.46	ug/l	98
74) N-amyl acetate	6.48	43	274	8.46	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.26	83	97	6.33	ug/l #	68
76) 1,2,3-Trichloropropane	11.14	75	16236	1200.63	ug/l #	34
77) Bromobenzene	11.25	156	31	2.45	ug/l #	1
78) n-propylbenzene	11.37	91	1130	21.16	ug/l	97
79) 2-Chlorotoluene	11.44	91	994	33.16	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	2653	65.12	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	16236	2885.61	ug/l #	11
82) 4-Chlorotoluene	11.51	91	637	16.91	ug/l #	44
83) tert-Butylbenzene	12.03	119	591	14.78	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	11583	275.11	ug/l	99
85) sec-Butylbenzene	11.95	105	512	10.65	ug/l	92
86) p-Isopropyltoluene	12.07	119	1287	29.93	ug/l #	78
87) 1,3-Dichlorobenzene	12.03	146	87	3.84	ug/l #	38
88) 1,4-Dichlorobenzene	12.10	146	140	6.18	ug/l #	62
89) n-Butylbenzene	12.39	91	1256	34.47	ug/l #	47
90) Hexachloroethane	12.61	117	306	36.07	ug/l #	2
91) 1,2-Dichlorobenzene	12.40	146	25	1.08	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.03	75	81	19.11	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	239	14.48	ug/l #	52
95) Naphthalene	13.84	128	191611	3768.30	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	60	3.51	ug/l #	1

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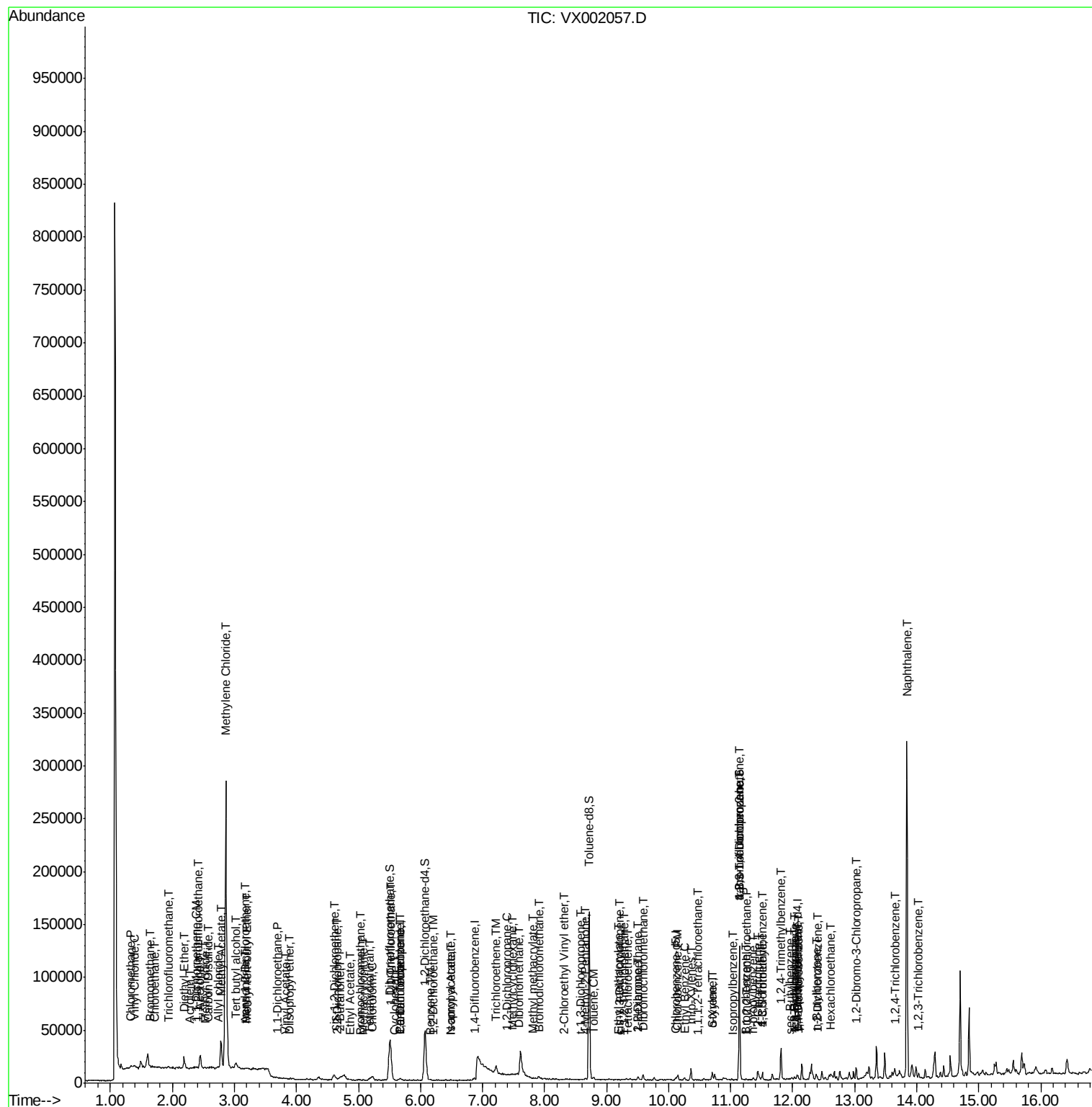
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

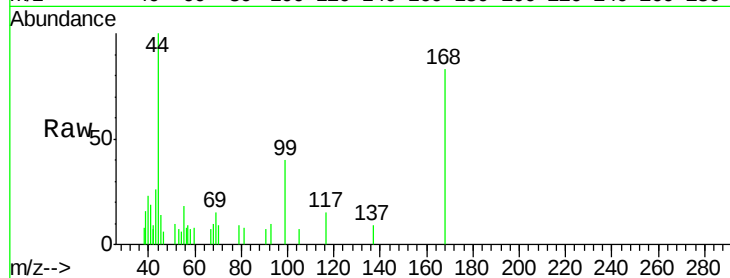
ClientSampled :

Tot Ion:168 Resp: 1551

Ion Ratio Lower Upper

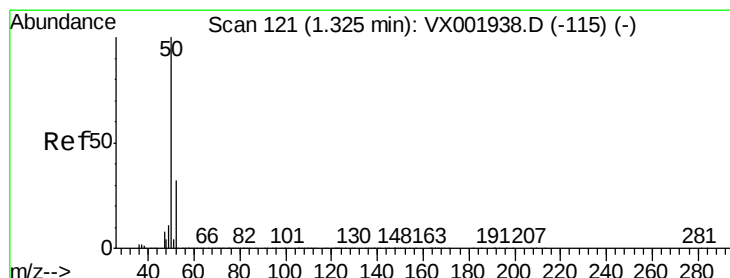
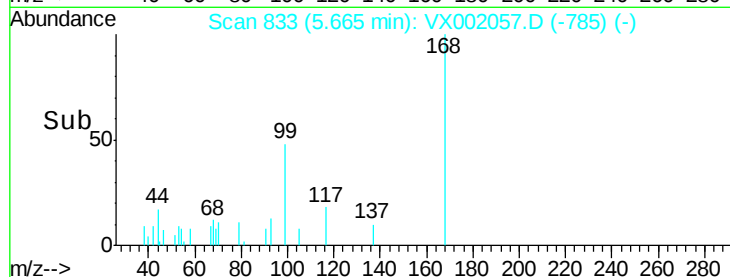
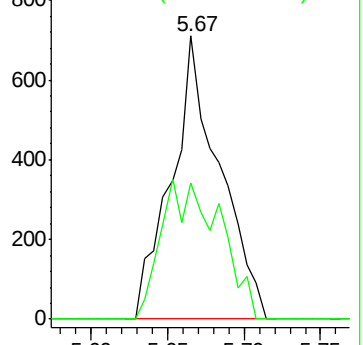
168 100

99 48.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 32.43 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002057.D

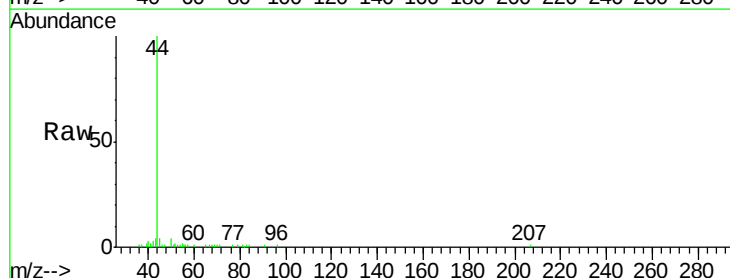
Acq: 27 May 2018 09:09

Tgt Ion: 50 Resp: 774

Ion Ratio Lower Upper

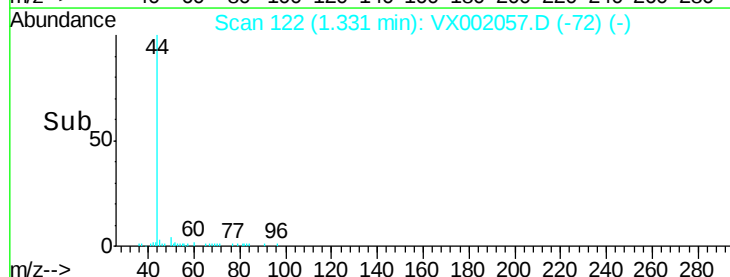
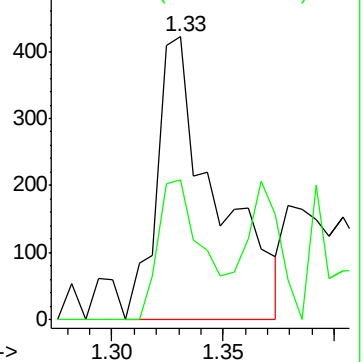
50 100

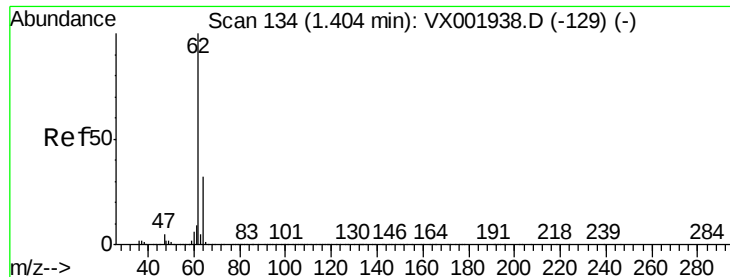
52 49.5 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 3.82 ug/l

RT: 1.39 min Scan# 132

Delta R.T. -0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

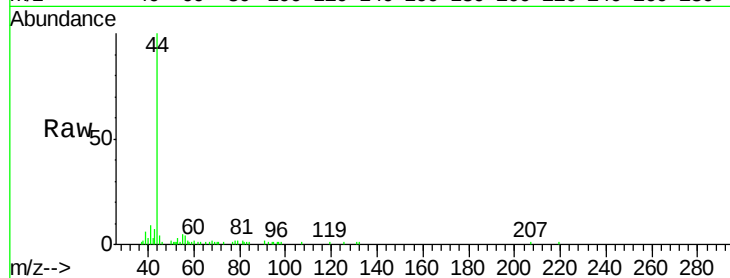
ClientSampled :

Tot Ion: 62 Resp: 88

Ion Ratio Lower Upper

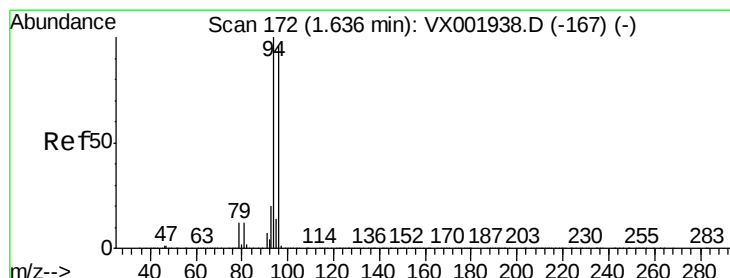
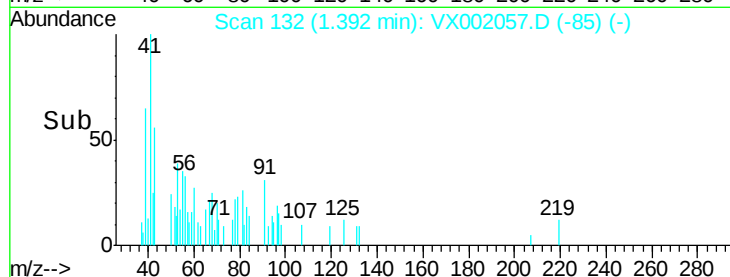
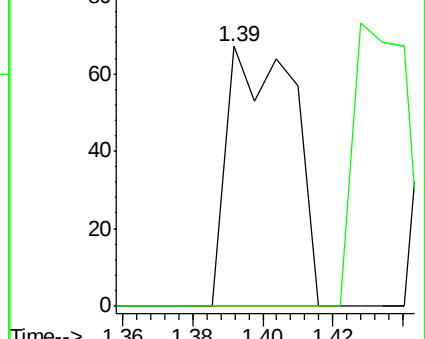
62 100

64 0.0 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 54.30 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002057.D

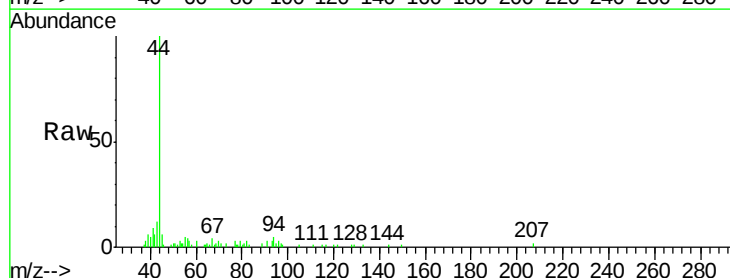
Acq: 27 May 2018 09:09

Tgt Ion: 94 Resp: 575

Ion Ratio Lower Upper

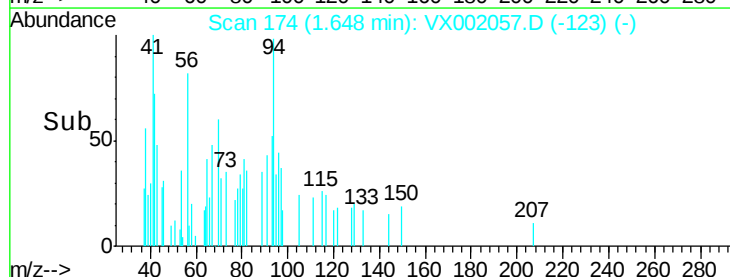
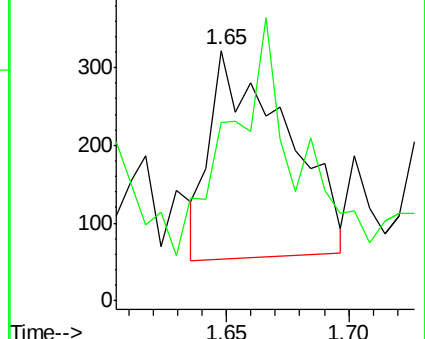
94 100

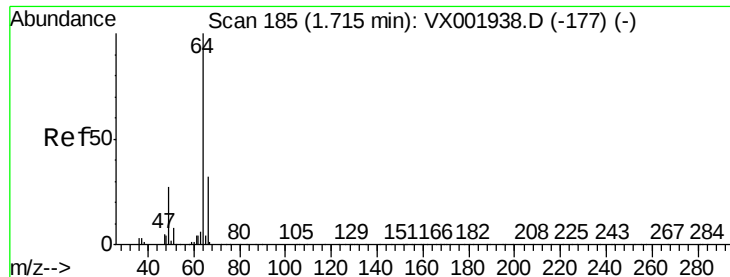
96 51.1 75.9 113.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 5.15 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

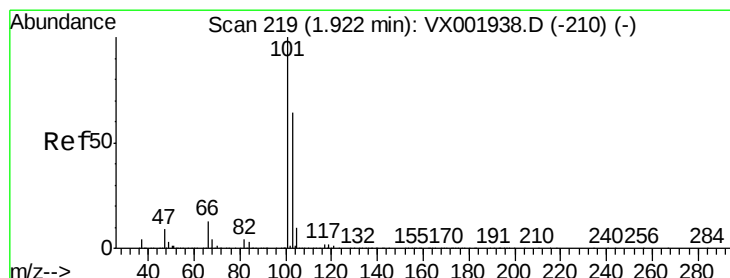
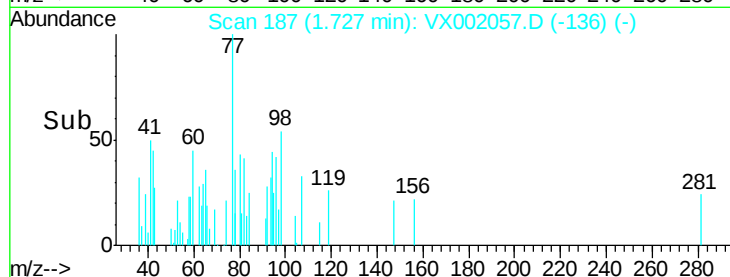
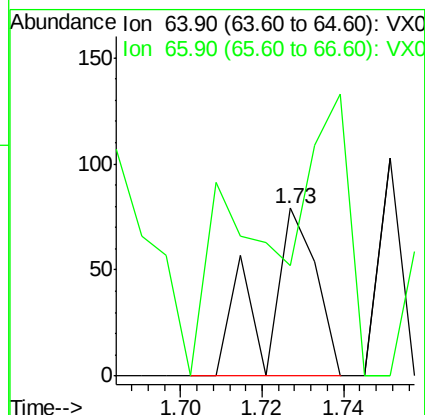
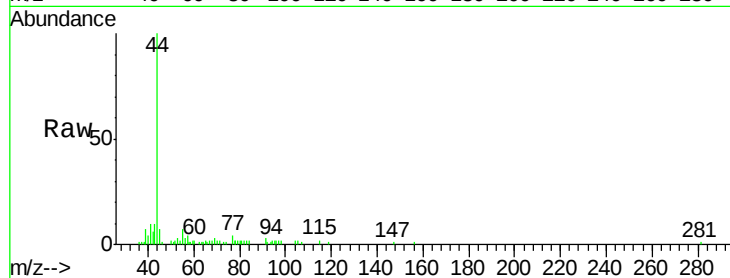
ClientSampleId :

Tot Ion: 64 Resp: 70

Ion Ratio Lower Upper

64 100

66 65.8 25.6 38.4#



#7

Trichlorofluoromethane

Concen: 1.68 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX002057.D

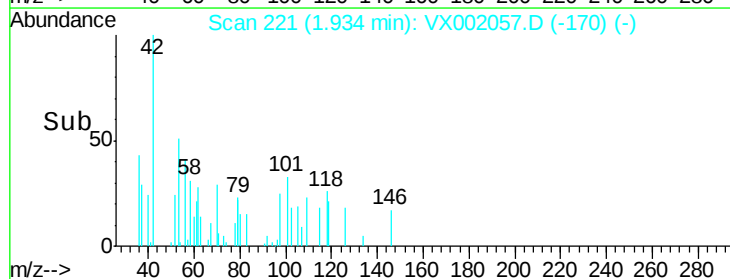
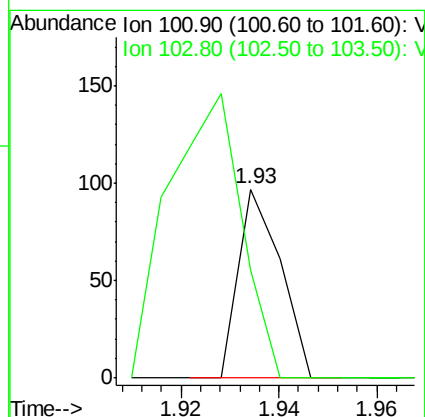
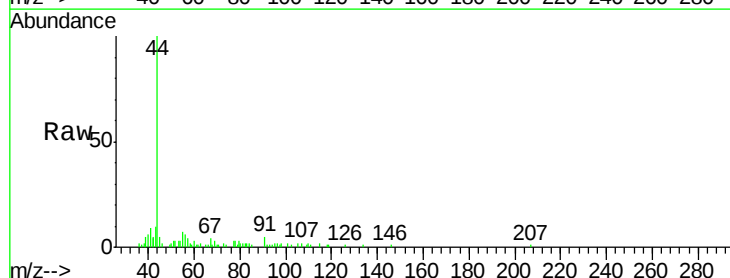
Acq: 27 May 2018 09:09

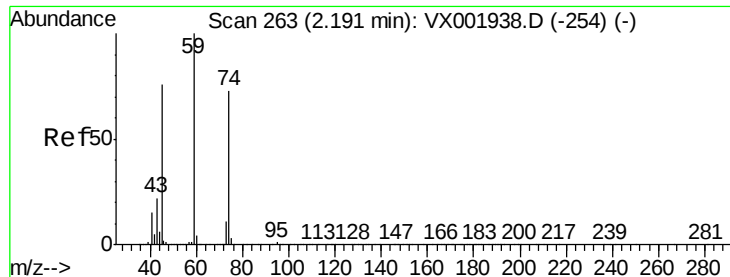
Tgt Ion: 101 Resp: 58

Ion Ratio Lower Upper

101 100

103 56.7 51.4 77.0





#8

Diethyl Ether

Concen: 296.06 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

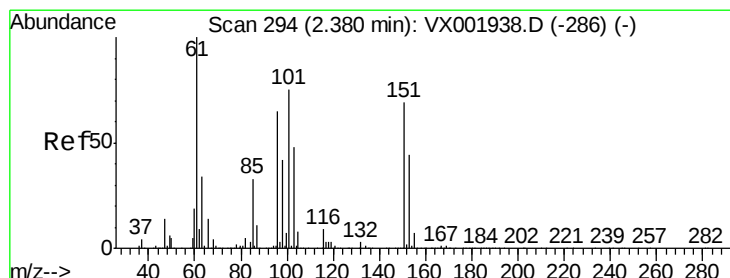
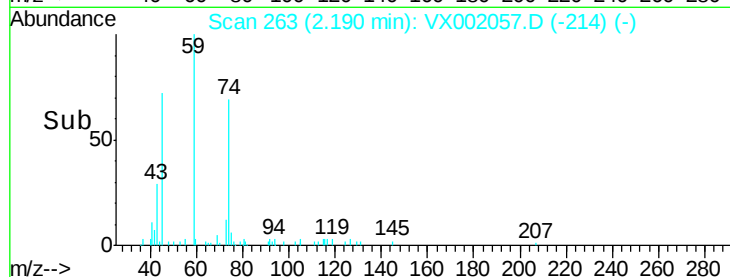
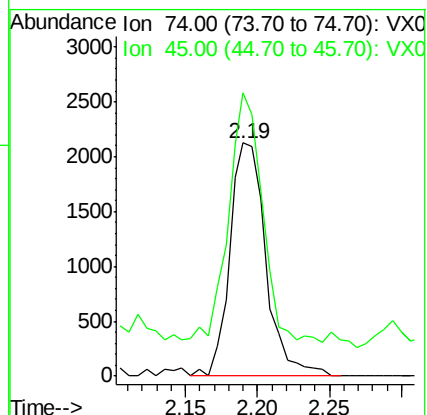
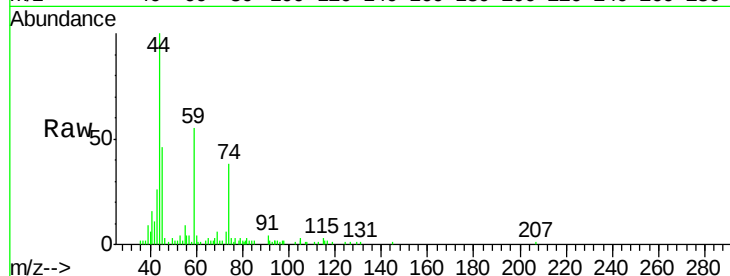
ClientSampled :

Tot Ion: 74 Resp: 3717

Ion Ratio Lower Upper

74 100

45 103.5 51.5 154.7



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.98 ug/l

RT: 2.41 min Scan# 299

Delta R.T. 0.03 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

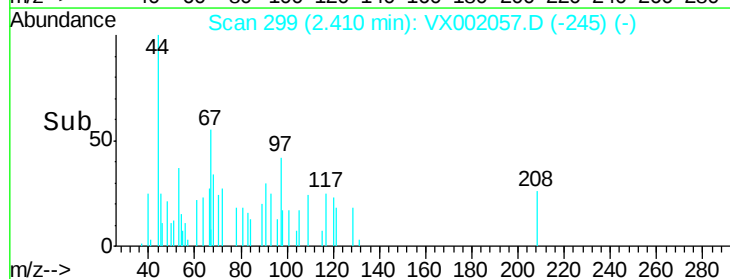
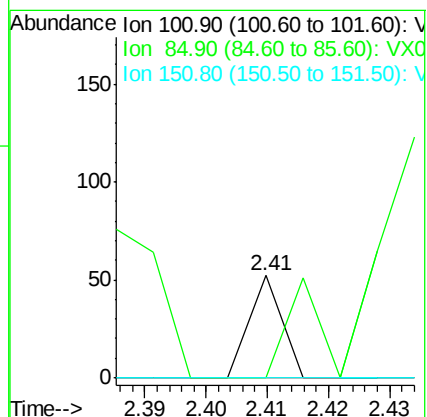
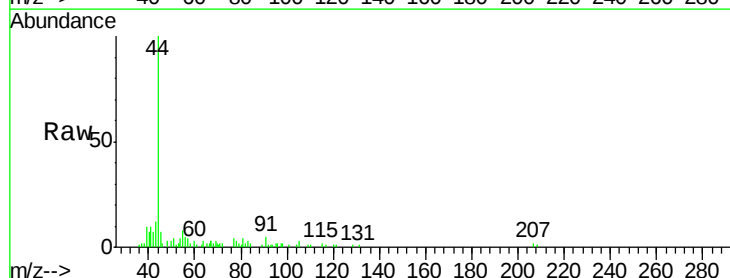
Tgt Ion: 101 Resp: 19

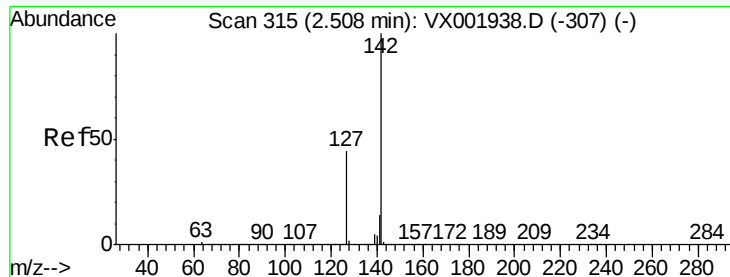
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 73.2 109.8#

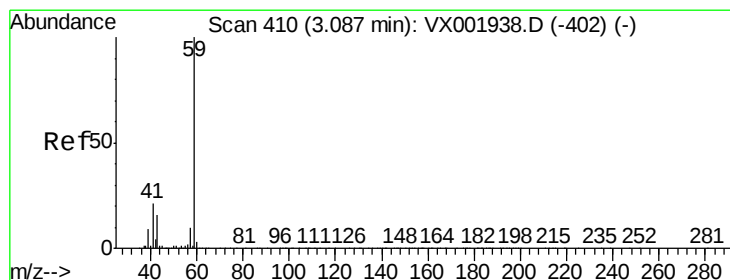
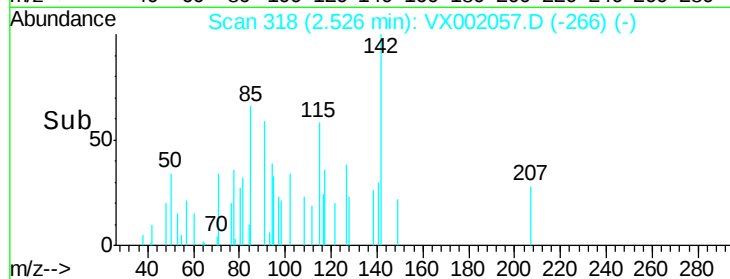
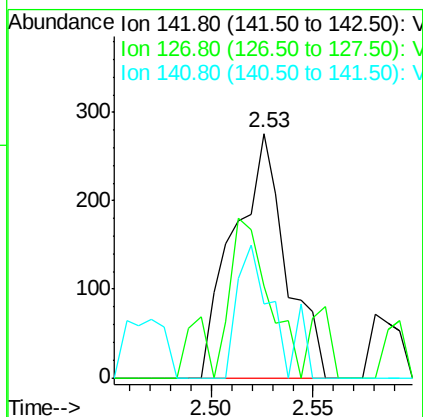
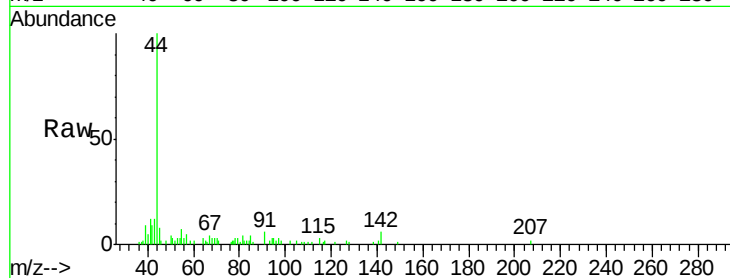




#10
Methvl Iodide
Concen: 18.87 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

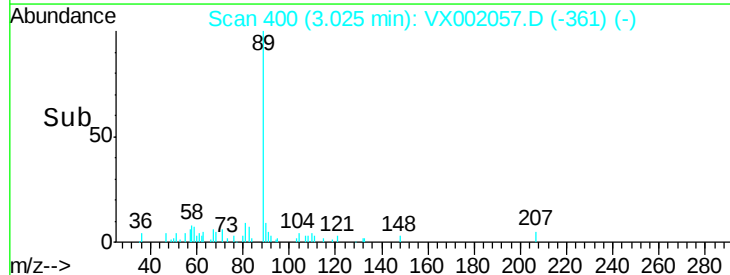
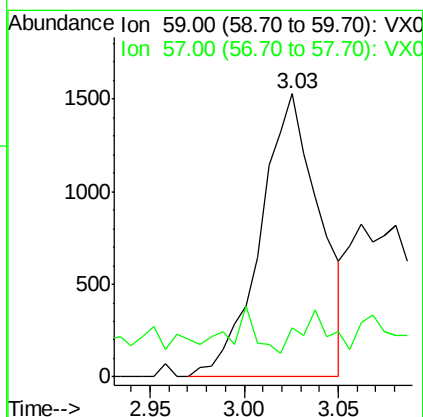
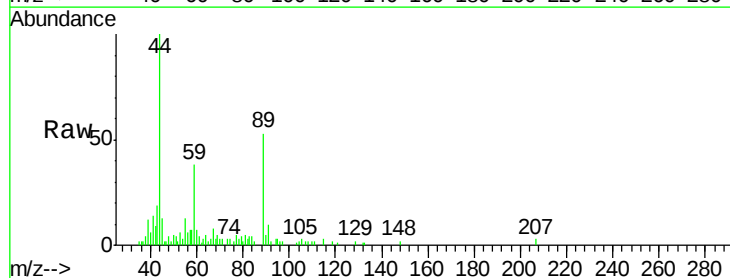
Instrument :
MSVOA_X
ClientSampled :

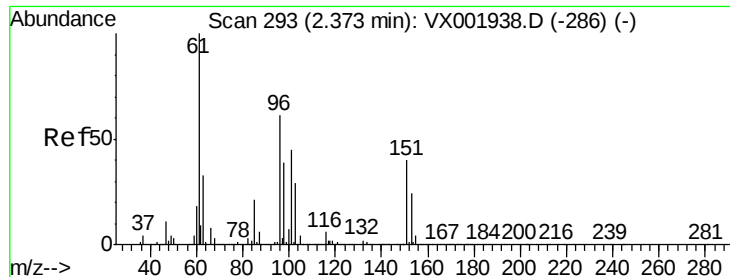
Tot Ion:142 Resp: 493
Ion Ratio Lower Upper
142 100
127 56.8 35.5 53.3#
141 38.1 11.3 16.9#



#11
Tert butyl alcohol
Concen: 613.19 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Tgt Ion: 59 Resp: 3337
Ion Ratio Lower Upper
59 100
57 7.5 8.9 13.3#





#12

1,1-Dichloroethene

Concen: 3.48 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

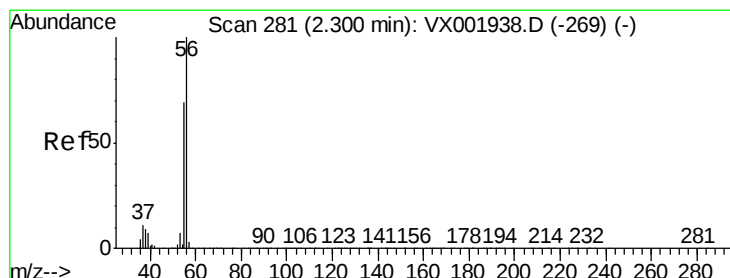
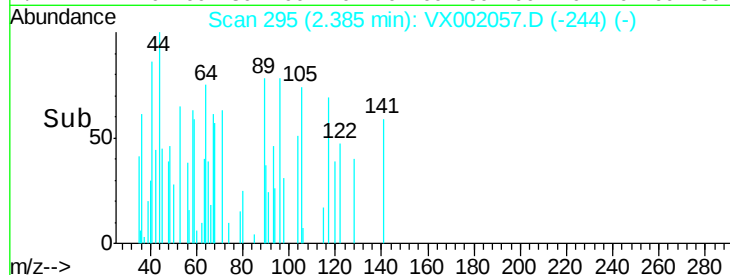
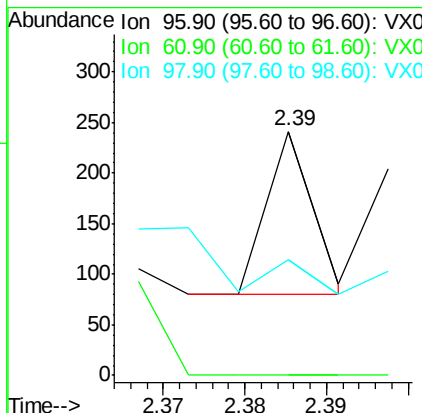
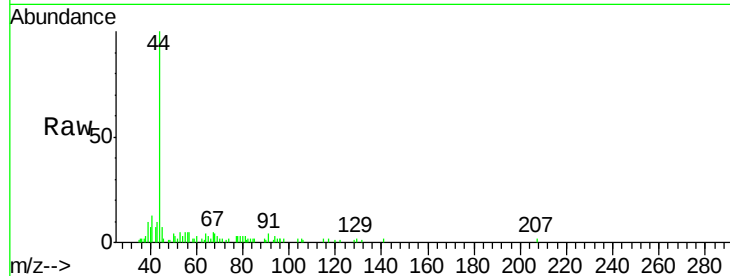
Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 63

Ion	Ratio	Lower	Upper
96	100		
61	0.0	131.7	197.5#
98	21.7	51.6	77.4#



#13

Acrolein

Concen: 30.60 ug/l

RT: 2.29 min Scan# 279

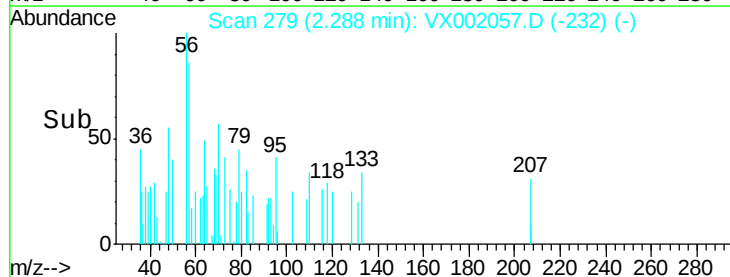
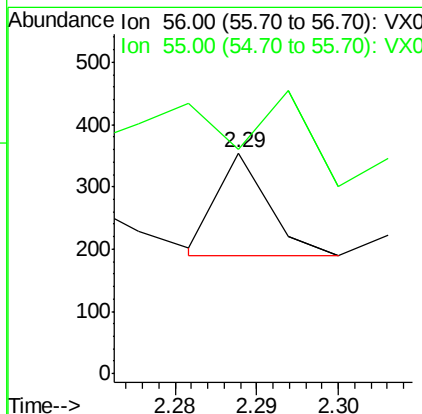
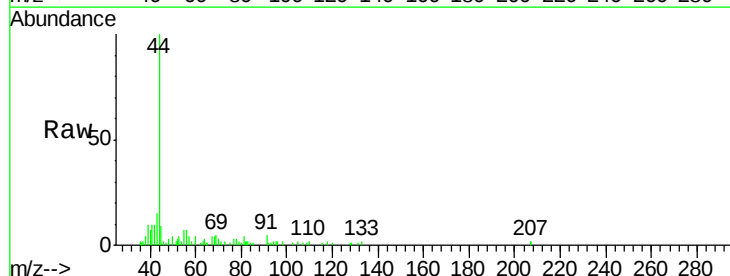
Delta R.T. -0.01 min

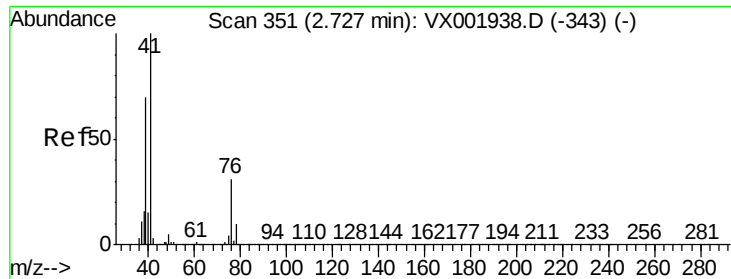
Lab File: VX002057.D

Acq: 27 May 2018 09:09

Tgt Ion: 56 Resp: 72

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.8	85.2#

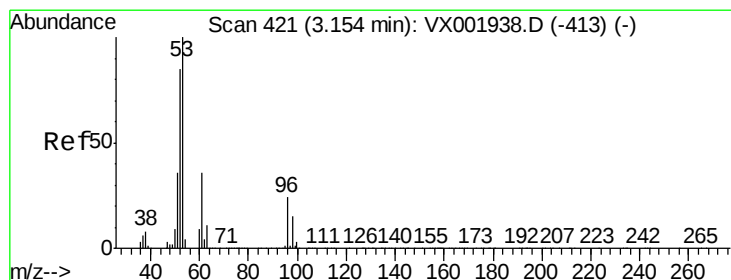
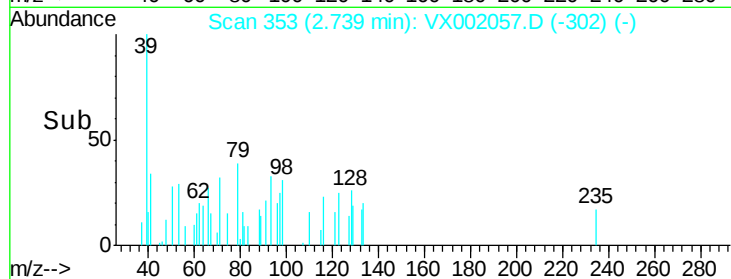
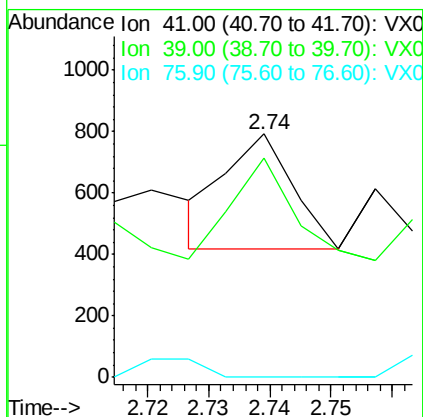
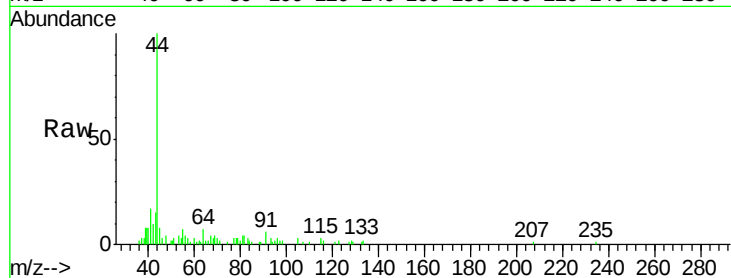




#14
Allvl chloride
Concen: 7.56 ug/l
RT: 2.74 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

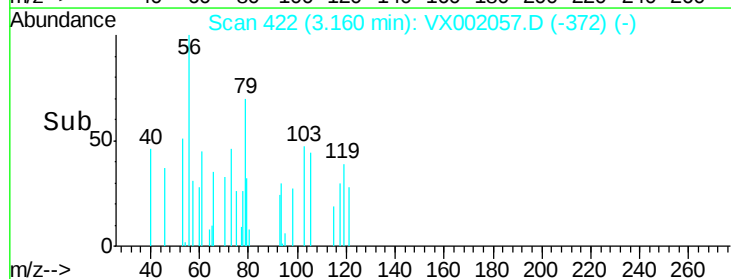
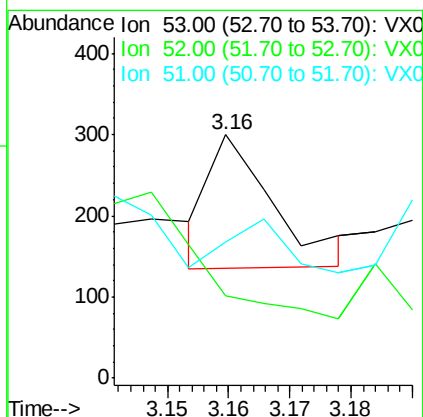
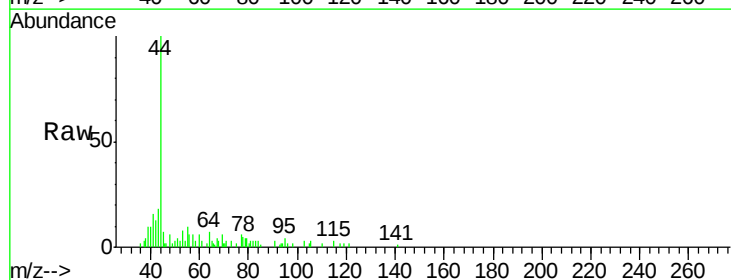
Instrument :
MSVOA_X
ClientSampled :

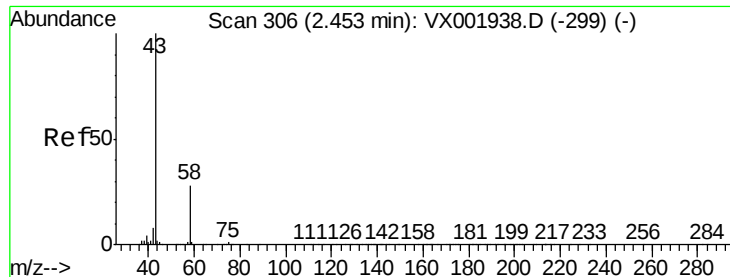
Tot Ion: 41 Resp: 287
Ion Ratio Lower Upper
41 100
39 89.9 54.3 81.5#
76 15.3 24.2 36.4#



#15
Acrylonitrile
Concen: 10.72 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Tgt Ion: 53 Resp: 120
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 0.0 29.3 43.9#





#16

Acetone

Concen: 1399.96 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

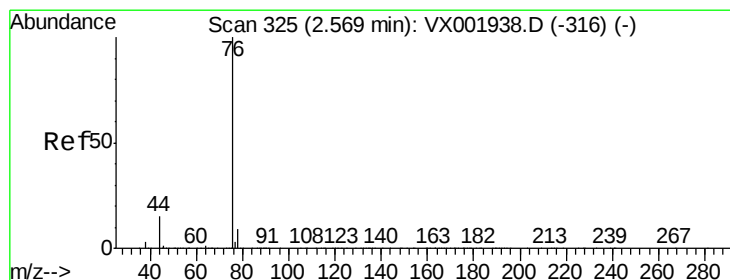
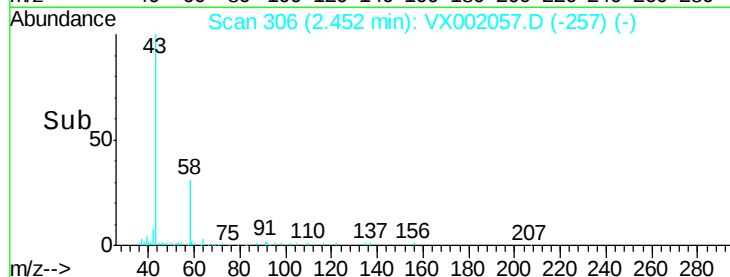
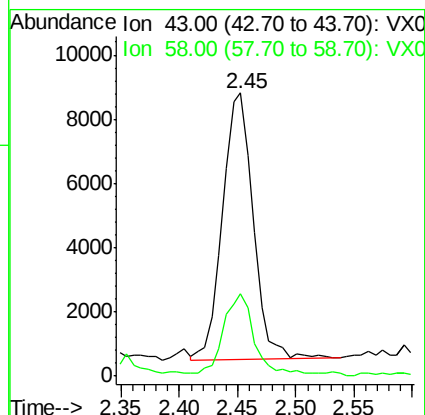
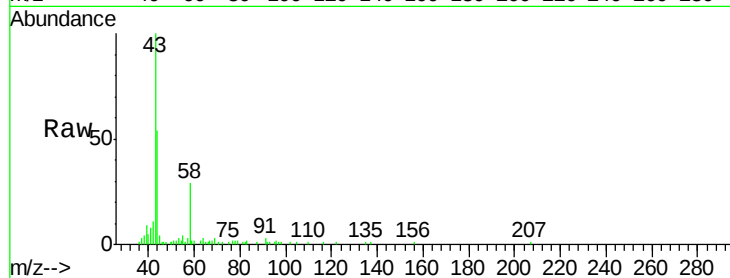
ClientSampleId :

Tot Ion: 43 Resp: 14979

Ion Ratio Lower Upper

43 100

58 30.1 22.3 33.5



#17

Carbon Disulfide

Concen: 12.99 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002057.D

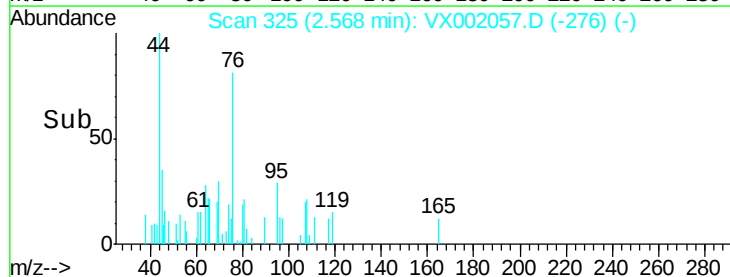
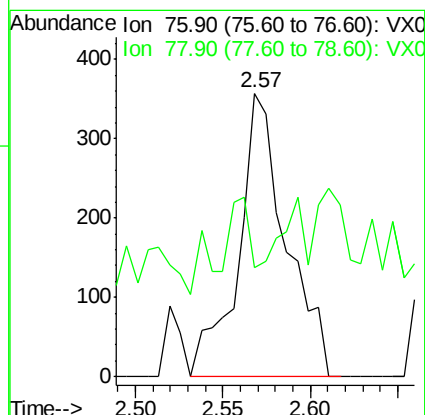
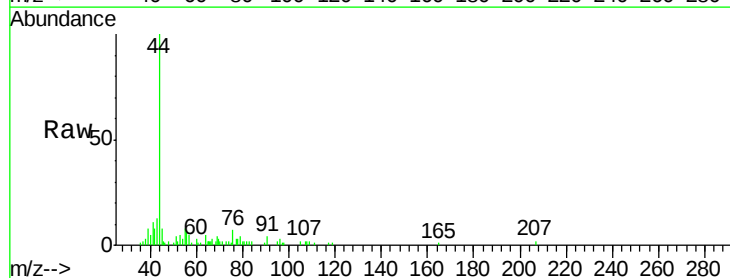
Acq: 27 May 2018 09:09

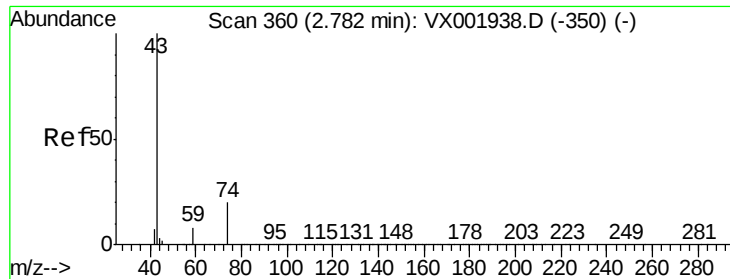
Tgt Ion: 76 Resp: 676

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

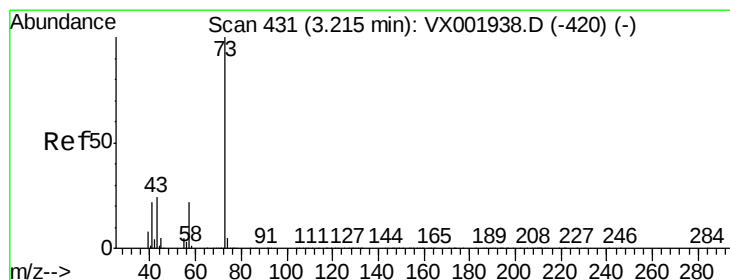
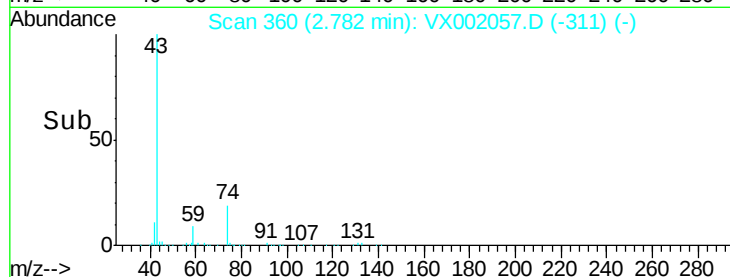
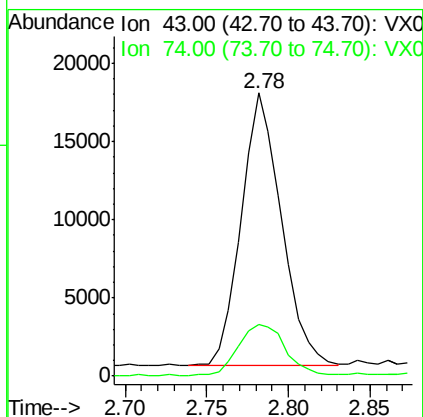
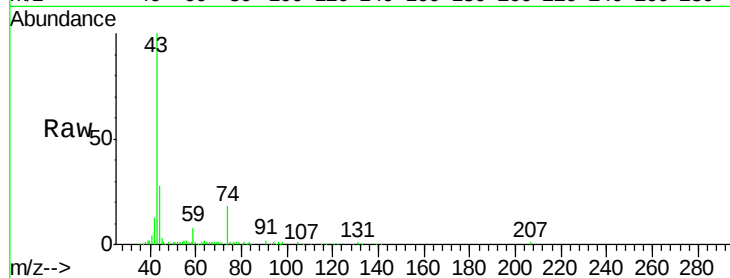




#18
Methyl Acetate
Concen: 1182.01 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

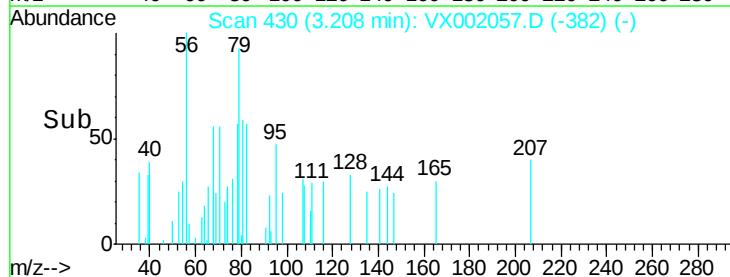
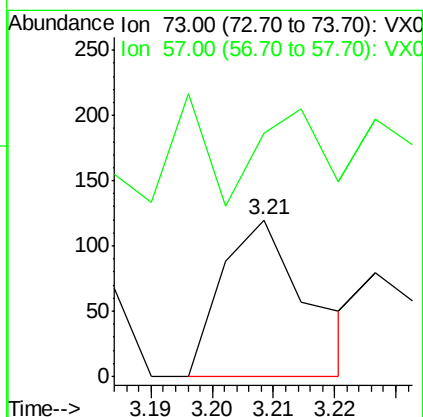
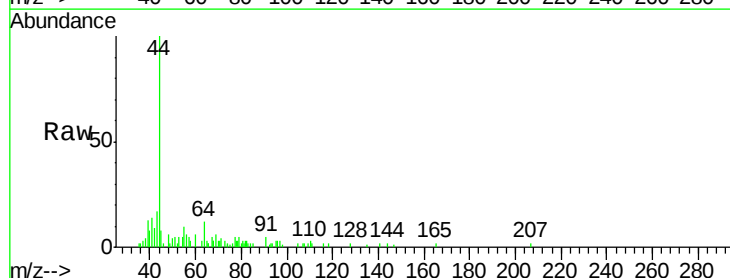
Instrument :
MSVOA_X
ClientSampled :

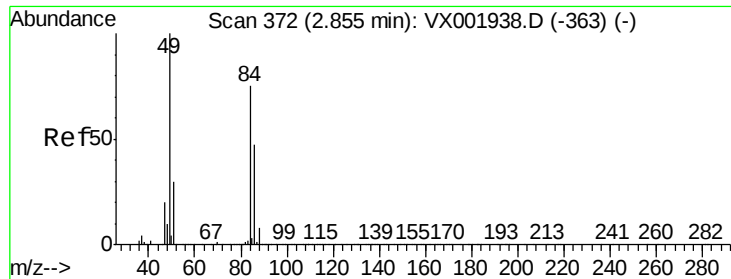
Tot Ion: 43 Resp: 29803
Ion Ratio Lower Upper
43 100
74 22.5 16.8 25.2



#19
Methyl tert-butyl Ether
Concen: 1.69 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Tgt Ion: 73 Resp: 115
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.0

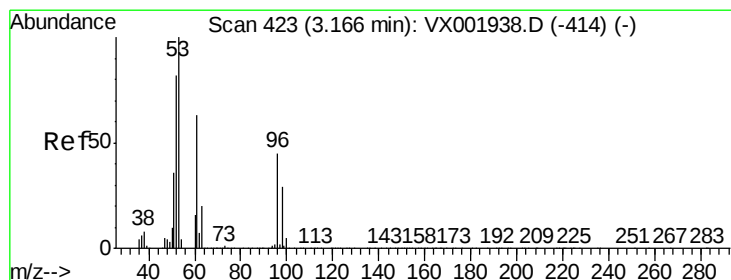
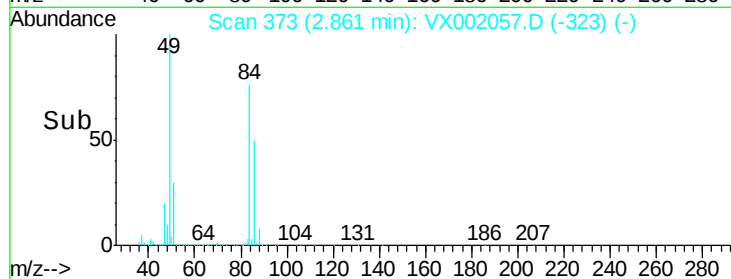
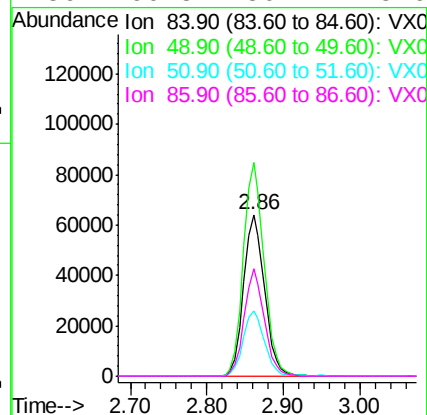
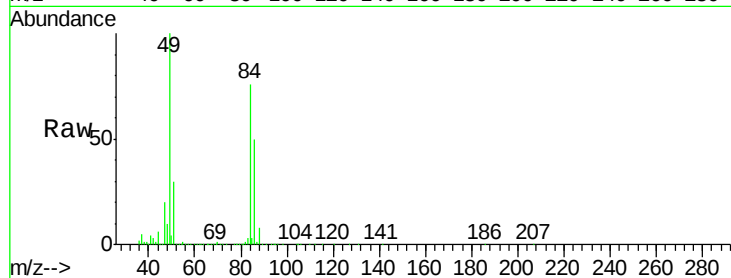




#20
Methvlene Chloride
Concen: 6788.46 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

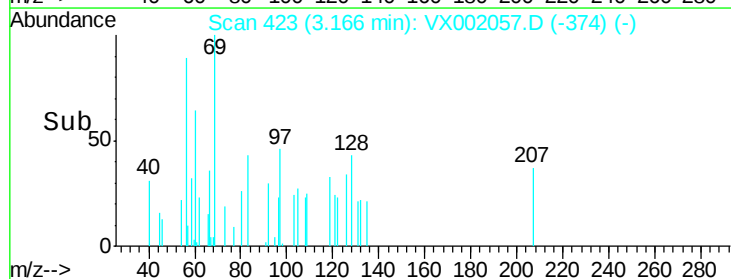
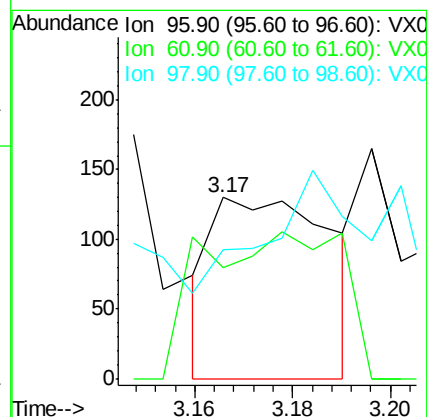
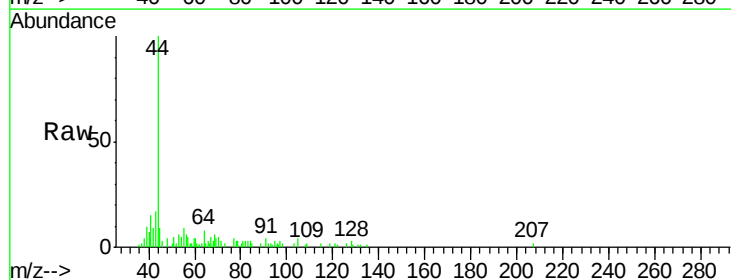
Instrument :
MSVOA_X
ClientSampleId :

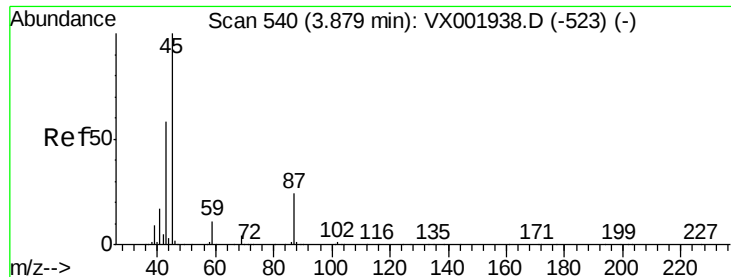
Tot Ion:	84	Resp:	121599
Ion	Ratio	Lower	Upper
84	100		
49	132.3	107.2	160.8
51	39.9	32.4	48.6
86	66.8	50.4	75.6



#21
trans-1,2-Dichloroethene
Concen: 11.10 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Tgt Ion:	96	Resp:	217
Ion	Ratio	Lower	Upper
96	100		
61	0.0	113.3	169.9#
98	55.4	51.7	77.5





#22

Diisopropyl ether

Concen: 1.06 ug/l

RT: 3.88 min Scan# 540

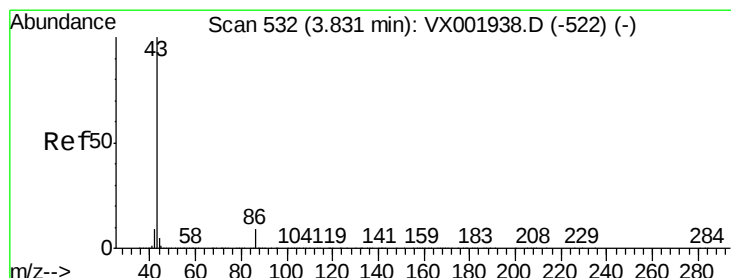
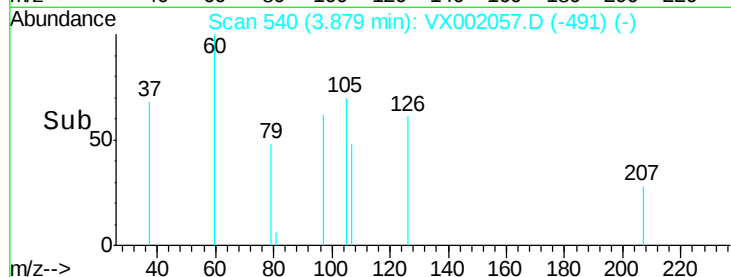
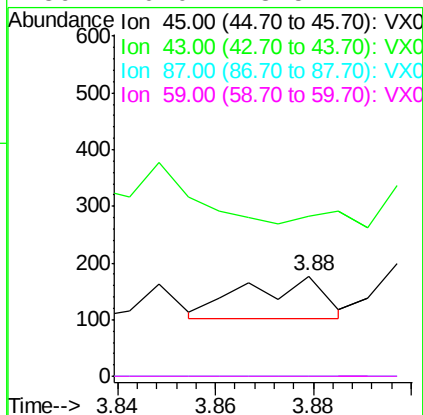
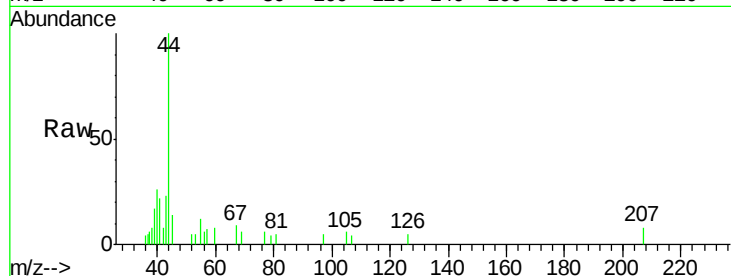
Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	45	Resp:	82
Ion	Ratio	Lower	Upper
45	100		
43	0.0	47.0	70.6#
87	0.0	19.4	29.0#
59	0.0	8.5	12.7#



#23

Vinyl Acetate

Concen: 1.88 ug/l

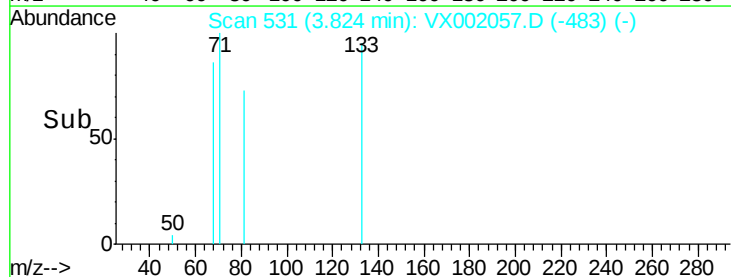
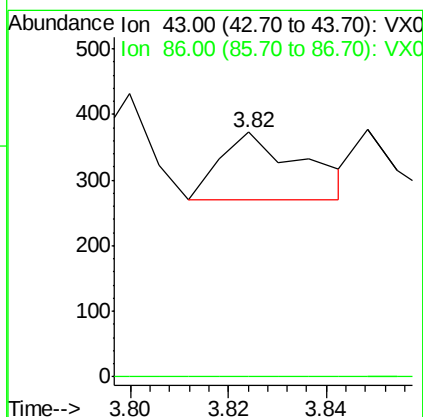
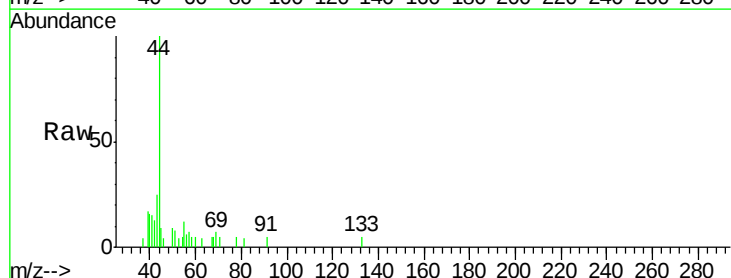
RT: 3.82 min Scan# 531

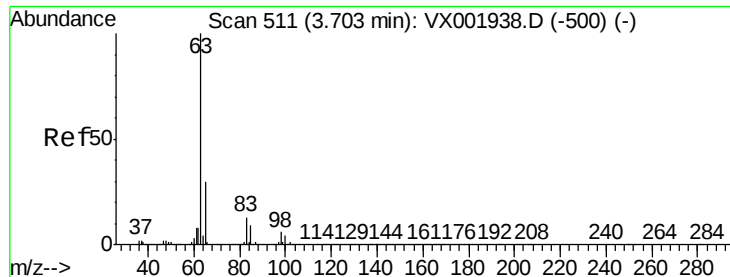
Delta R.T. -0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Tgt Ion:	43	Resp:	120
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.6	11.4#





#24

1,1-Dichloroethane

Concen: 2.70 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

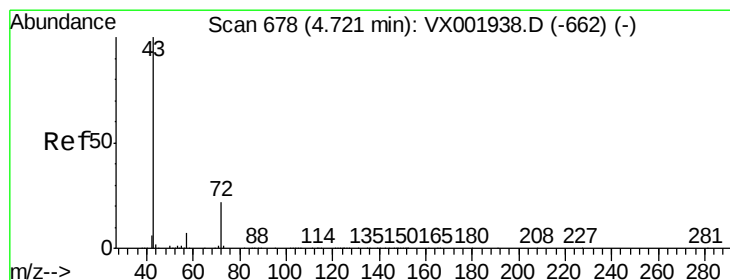
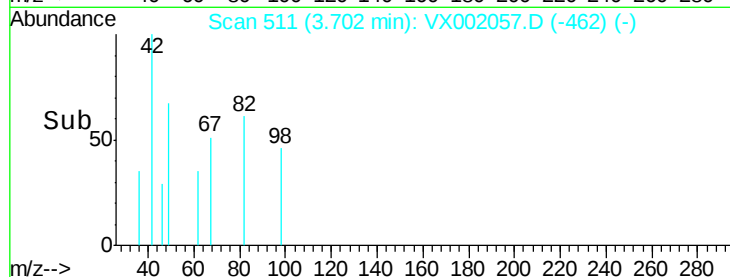
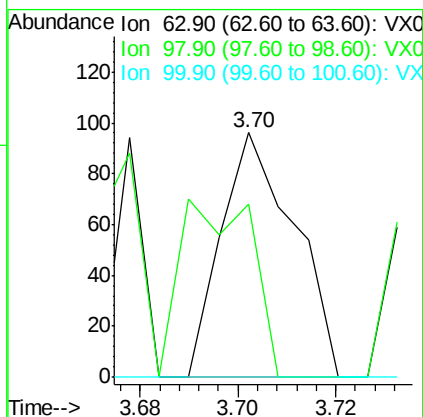
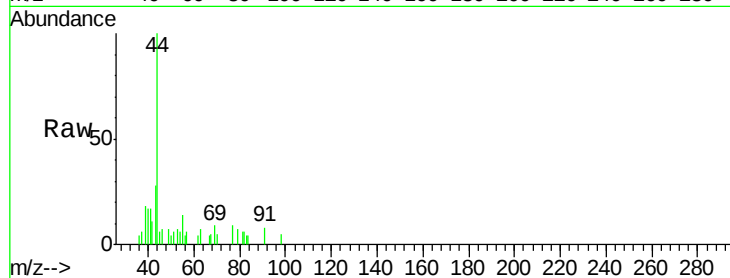
Tot Ion: 63 Resp: 99

Ion Ratio Lower Upper

63 100

98 70.8 3.3 9.8#

100 0.0 2.1 6.5#



#25

2-Butanone

Concen: 265.42 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002057.D

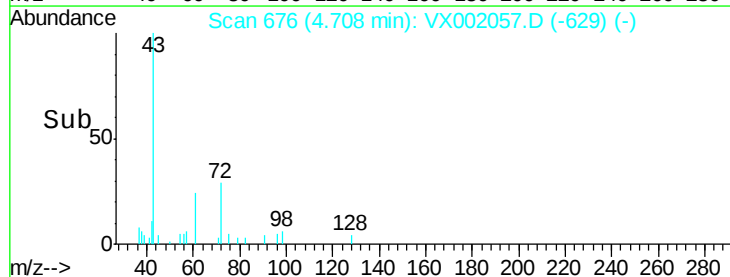
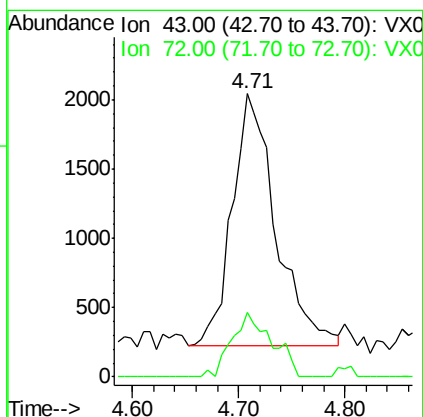
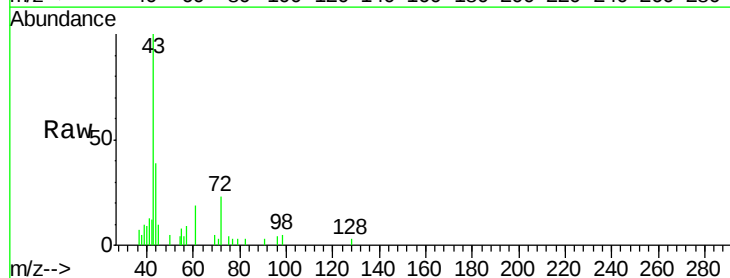
Acq: 27 May 2018 09:09

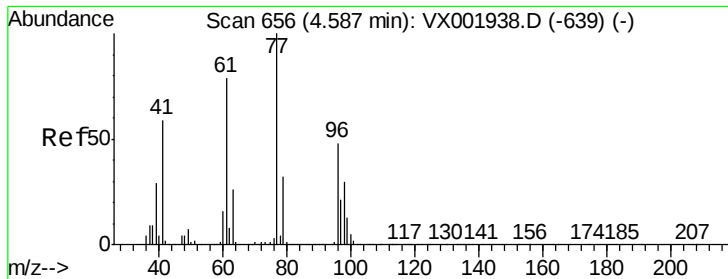
Tgt Ion: 43 Resp: 5205

Ion Ratio Lower Upper

43 100

72 25.8 17.9 26.9

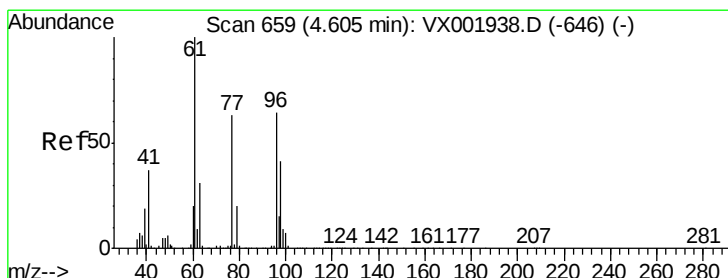
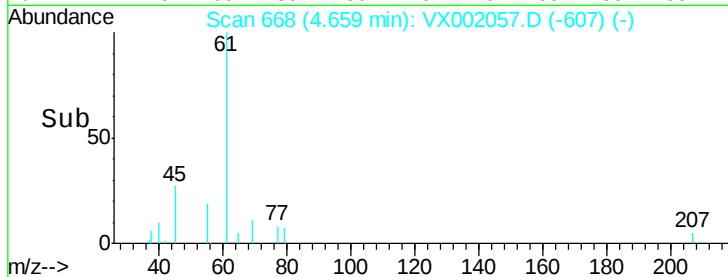
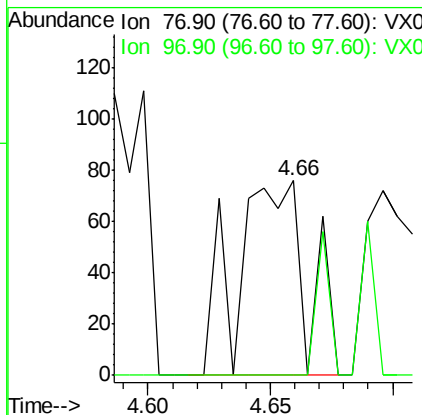
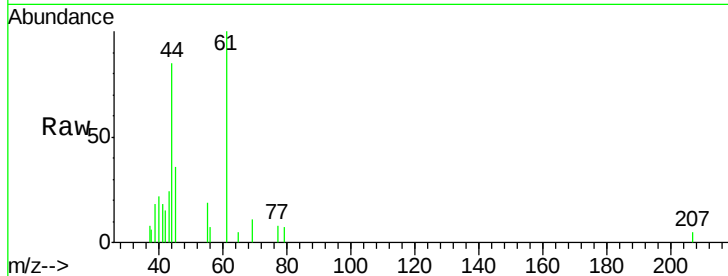




#26
 2,2-Dichloropropane
 Concen: 4.07 ug/l
 RT: 4.66 min Scan# 668
 Delta R.T. 0.07 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

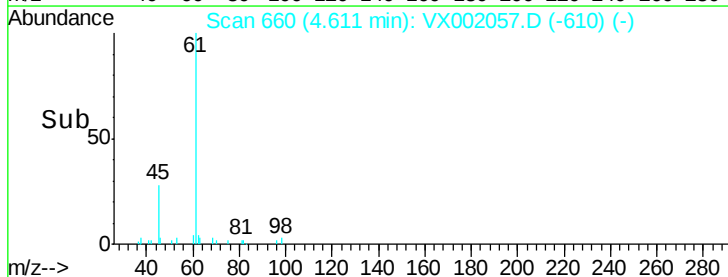
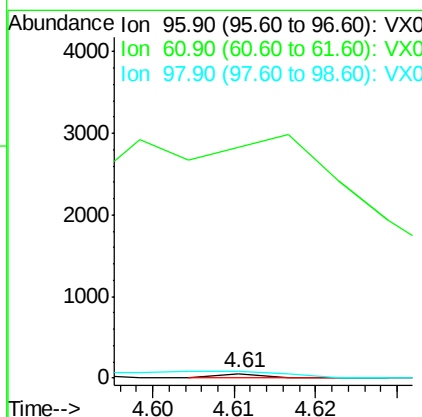
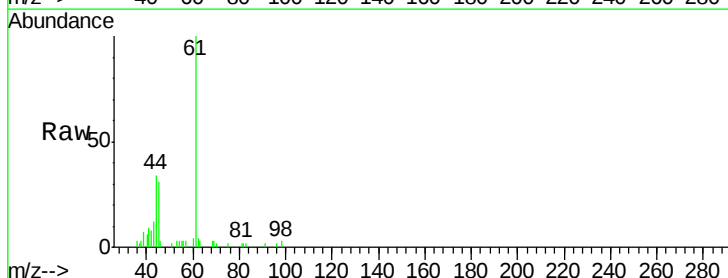
Instrument :
 MSVOA_X
 ClientSampled :

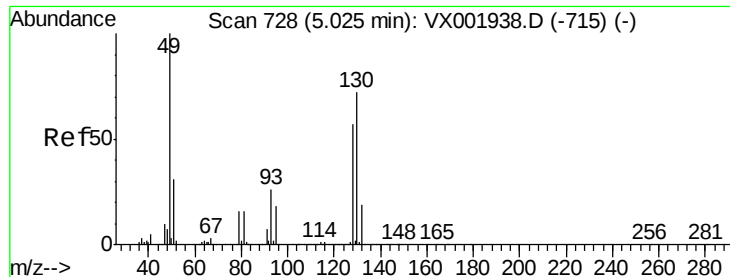
Tot Ion: 77 Resp: 151
 Ion Ratio Lower Upper
 77 100
 97 13.2 11.2 33.5



#27
 cis-1,2-Dichloroethene
 Concen: 0.81 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

Tgt Ion: 96 Resp: 19
 Ion Ratio Lower Upper
 96 100
 61 63905.3 0.0 348.4#
 98 705.3 0.0 128.6#





#28

Bromochloromethane

Concen: 2.06 ug/l

RT: 5.03 min Scan# 728

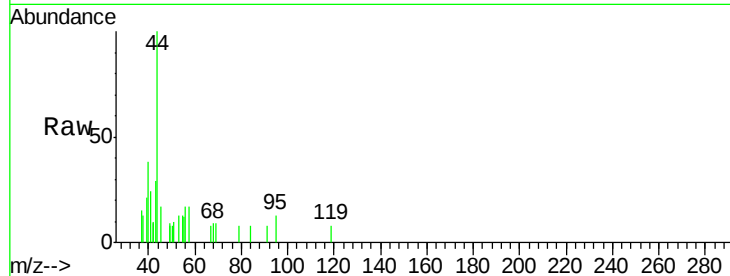
Delta R.T. 0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :
MSVOA_X
ClientSampled :

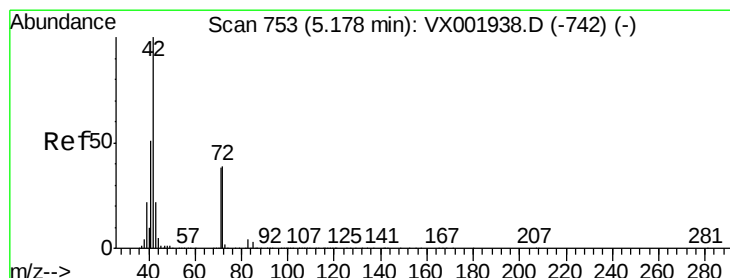
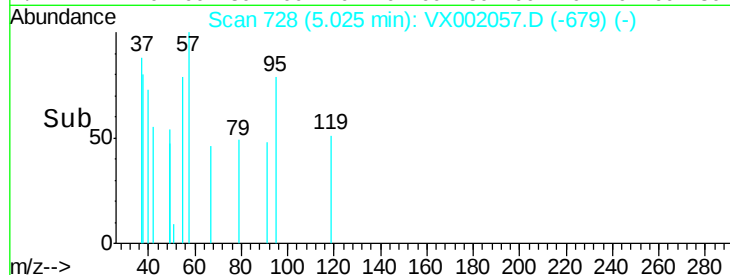
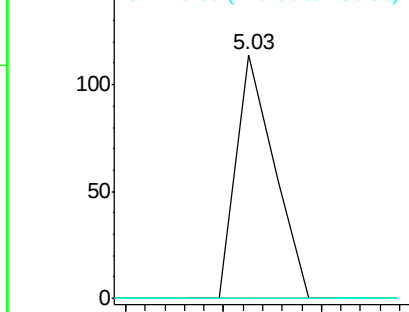
Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 129.95 ug/l

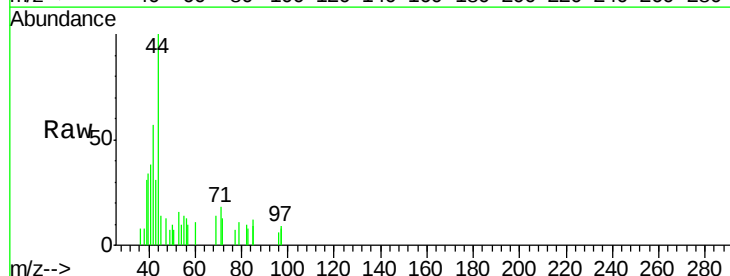
RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

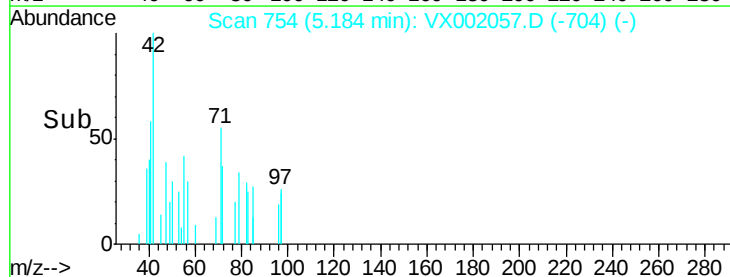
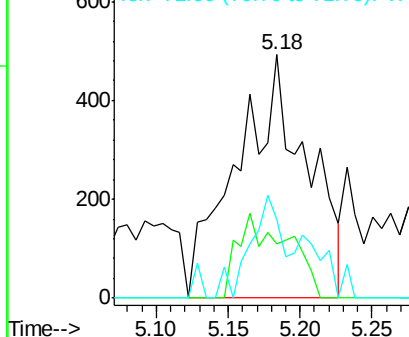
Tgt Ion	Ratio	Lower	Upper
42	100		
72	25.0	31.4	47.0
71	20.4	29.5	44.3

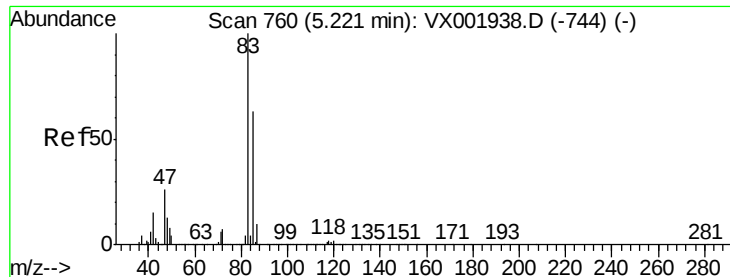


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

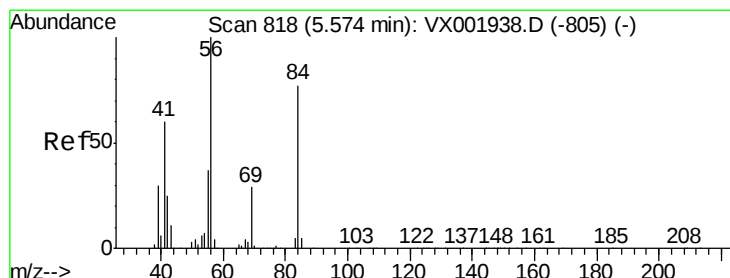
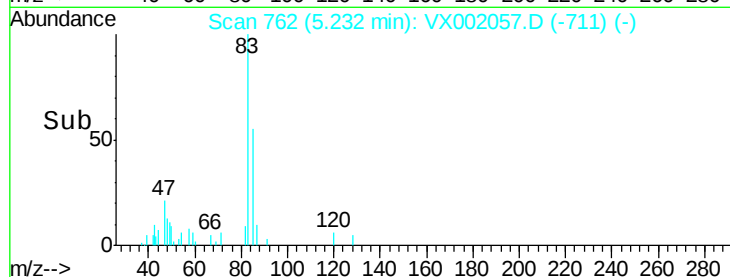
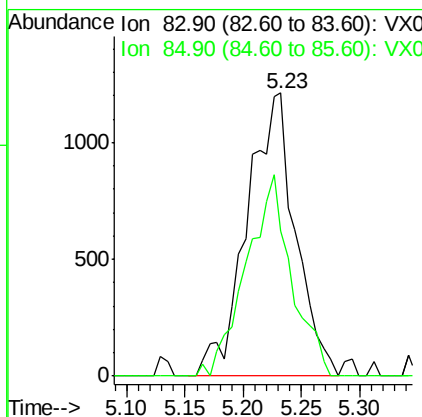
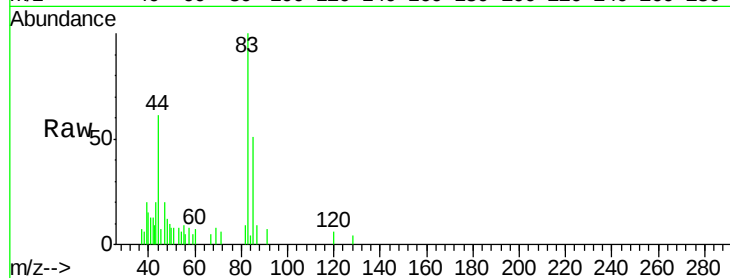




#30
Chloroform
Concen: 85.14 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

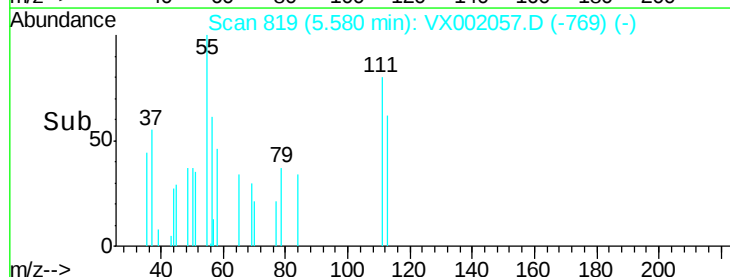
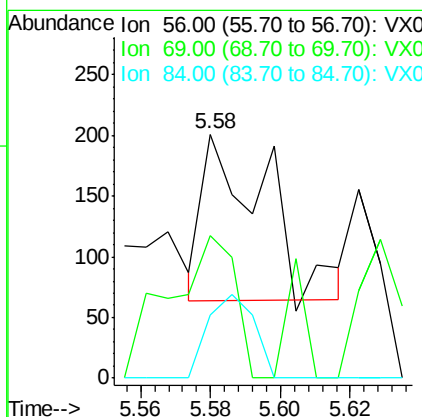
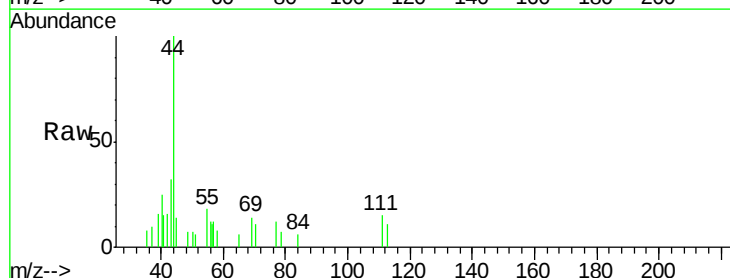
Instrument :
MSVOA_X
ClientSampled :

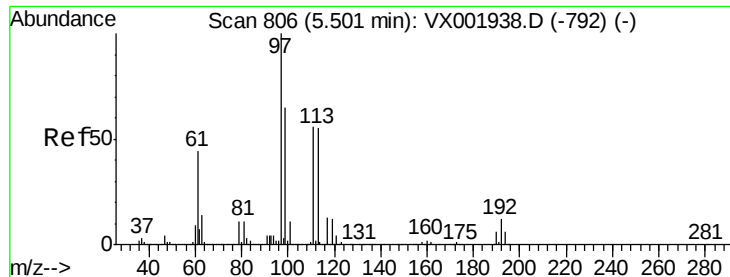
Tot Ion: 83 Resp: 3517
Ion Ratio Lower Upper
83 100
85 51.3 50.9 76.3



#31
Cyclohexane
Concen: 4.45 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
69 102.6 23.1 34.7#
84 45.6 62.0 93.0#





#32

1,1,1-Trichloroethane

Concen: 1.01 ug/l

RT: 5.53 min Scan# 811

Delta R.T. 0.03 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

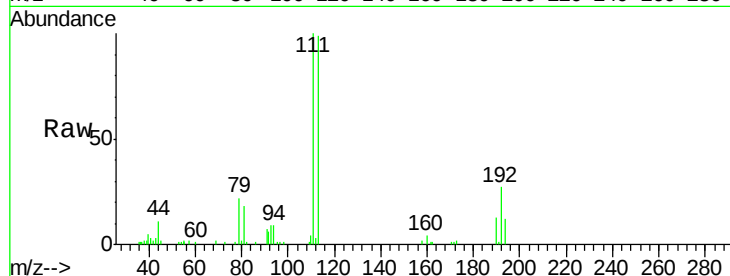
Tot Ion: 97 Resp: 39

Ion Ratio Lower Upper

97 100

99 0.0 51.9 77.9#

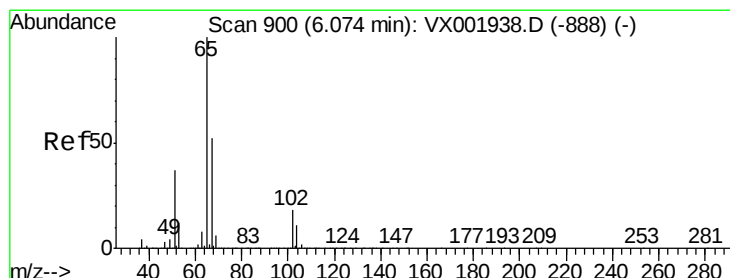
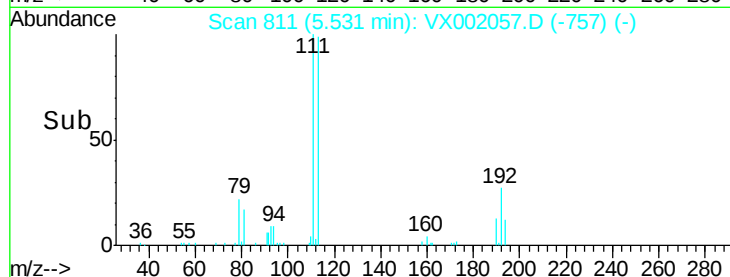
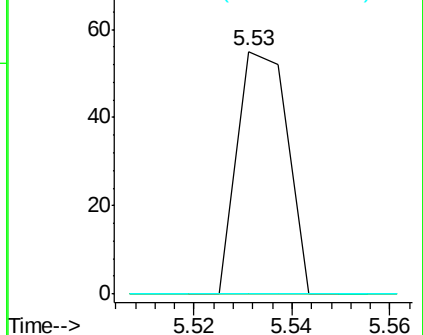
61 0.0 35.9 53.9#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 1579.85 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002057.D

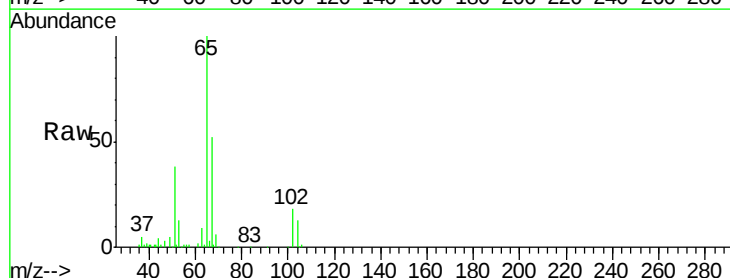
Acq: 27 May 2018 09:09

Tgt Ion: 65 Resp: 43800

Ion Ratio Lower Upper

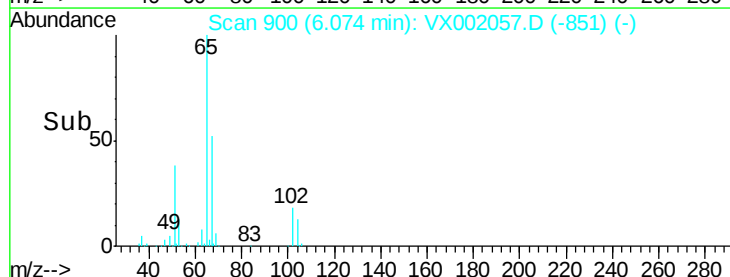
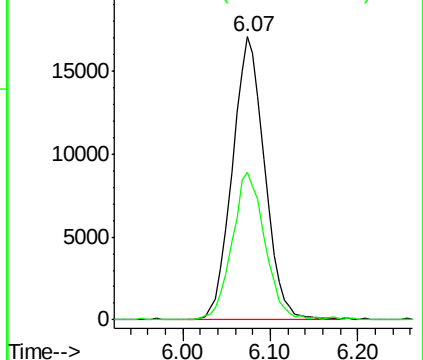
65 100

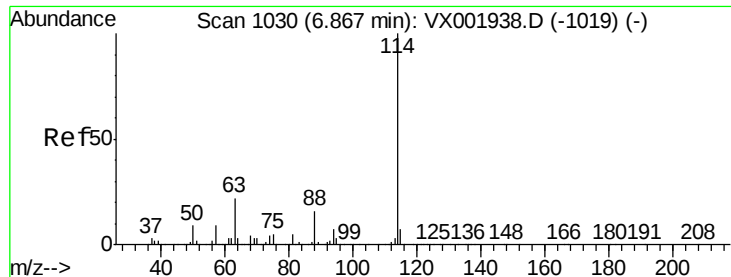
67 53.0 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

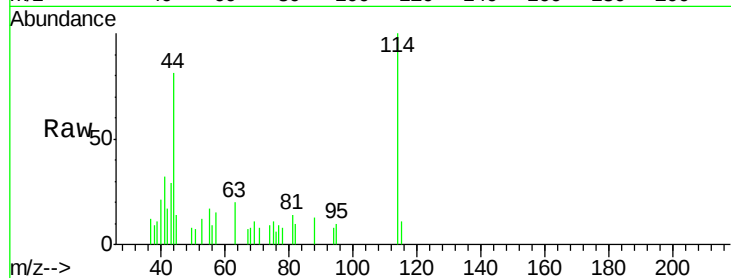
Tot Ion:114 Resp: 1767

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

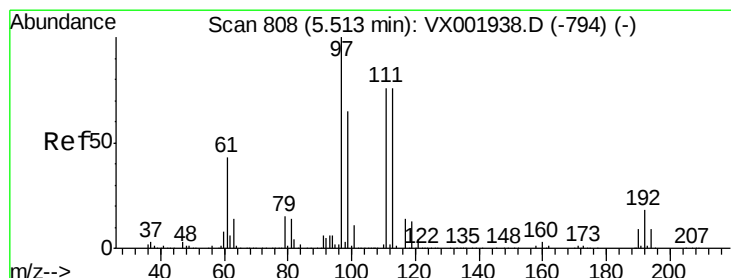
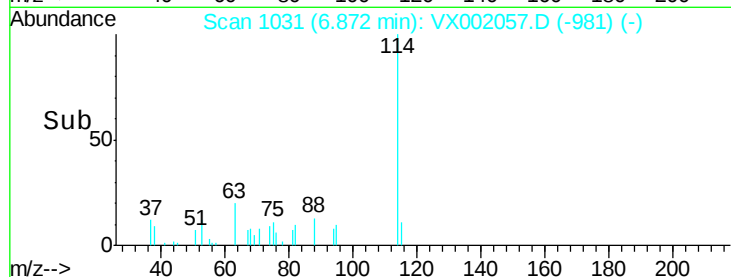
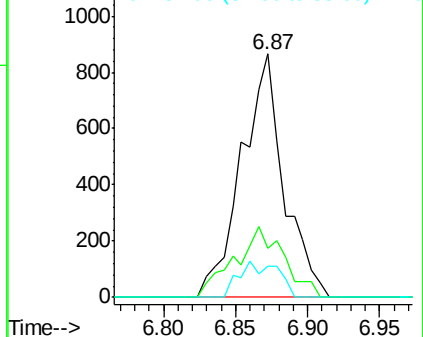
88 12.6 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 1782.68 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

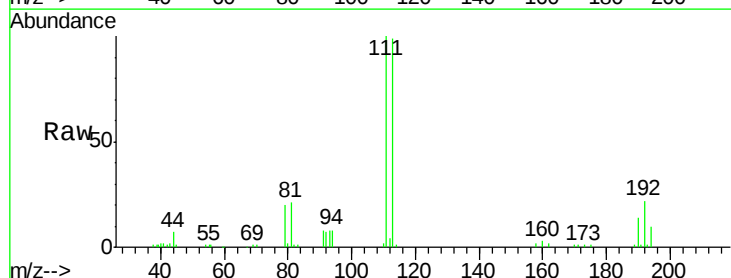
Tgt Ion:113 Resp: 31500

Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

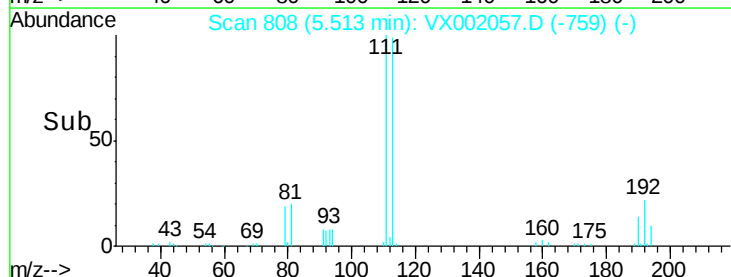
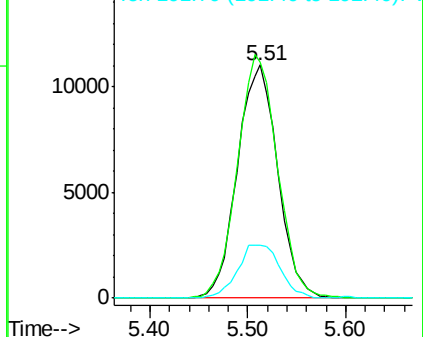
192 23.9 18.9 28.3

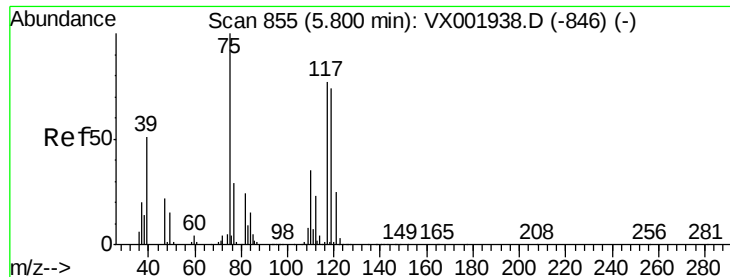


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

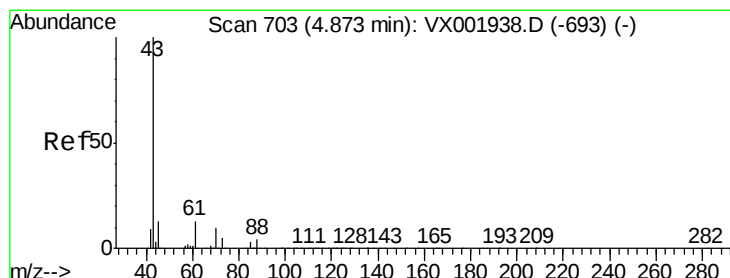
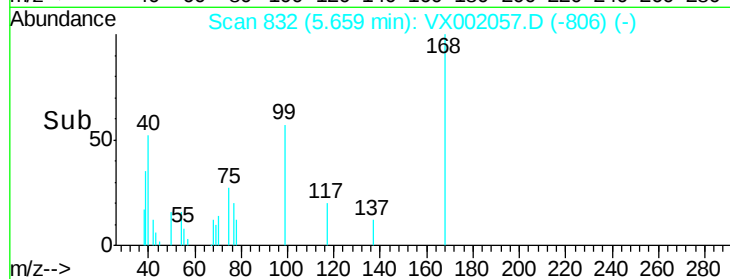
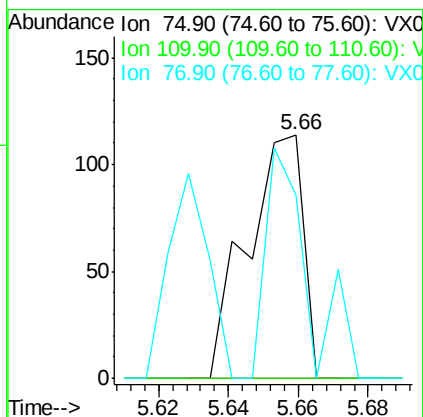
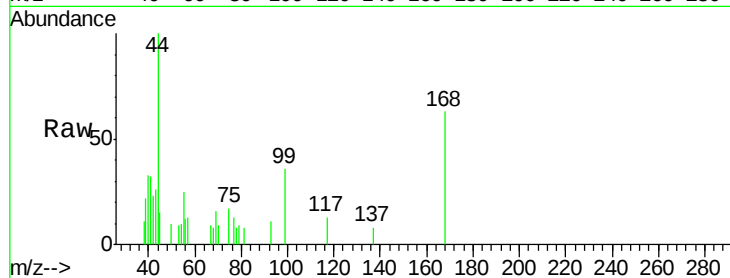




#36
 1,1-Dichloropropene
 Concen: 5.13 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

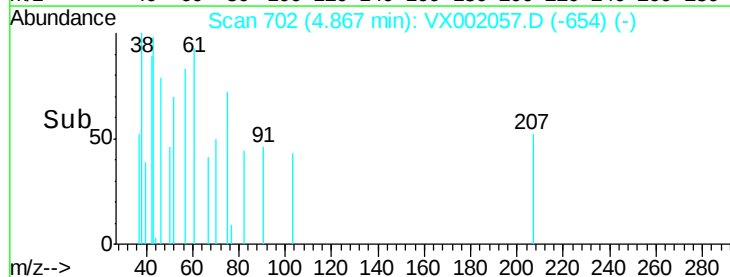
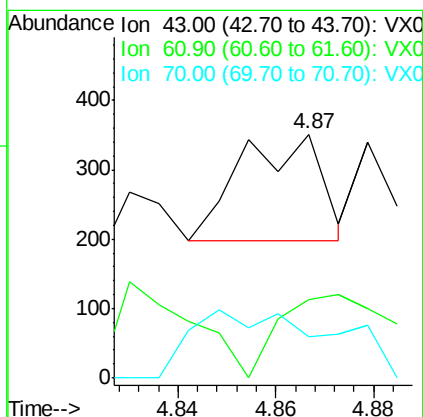
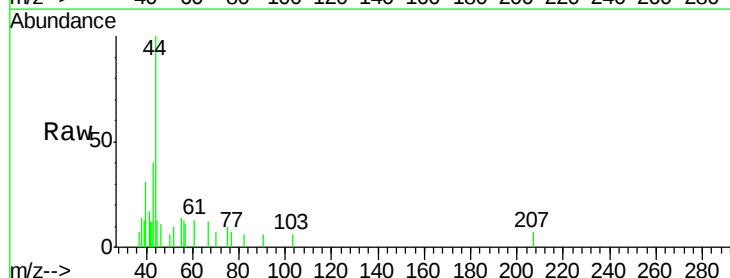
Instrument :
 MSVOA_X
 ClientSampleId :

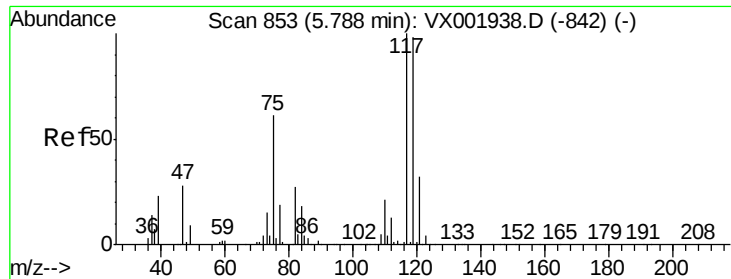
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.4	52.2#
77	71.4	24.4	36.6#



#37
 Ethyl Acetate
 Concen: 5.46 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	110.9	7.8	11.8#





#38

Carbon Tetrachloride

Concen: 7.43 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

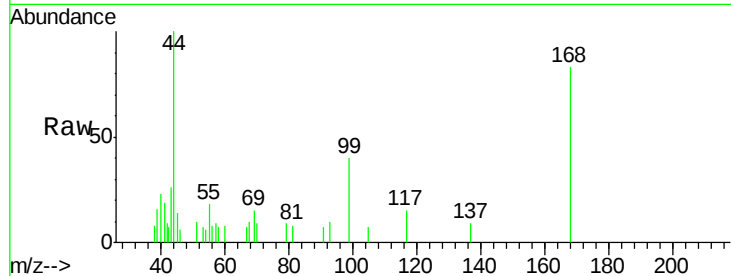
Tot Ion:117 Resp: 213

Ion Ratio Lower Upper

117 100

119 0.0 78.5 117.7#

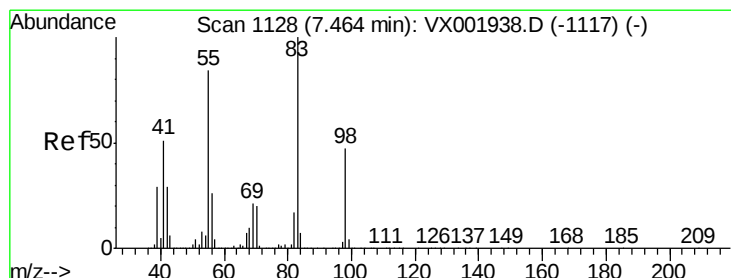
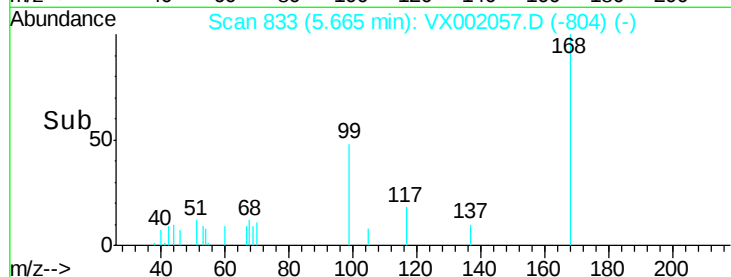
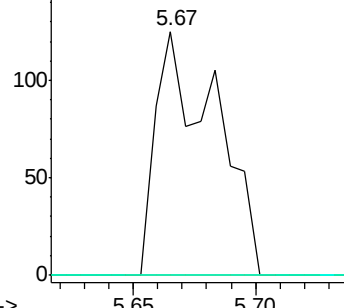
121 0.0 25.5 38.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.88 ug/l

RT: 7.48 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

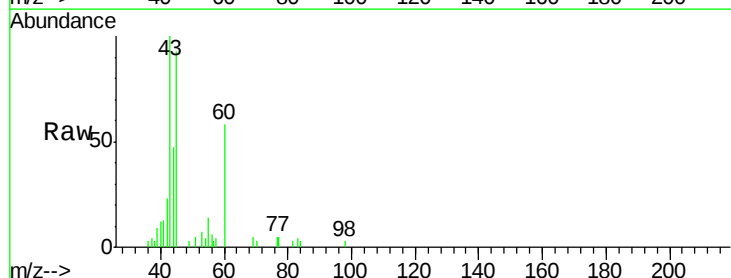
Tgt Ion: 83 Resp: 87

Ion Ratio Lower Upper

83 100

55 69.4 67.3 100.9

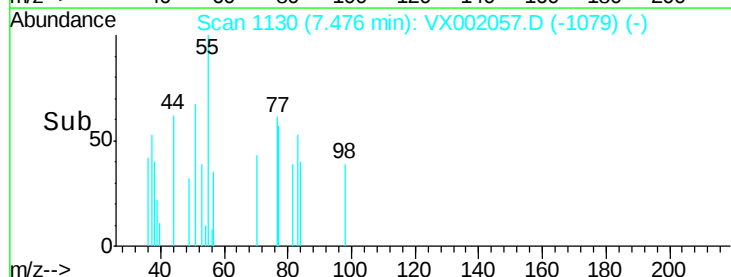
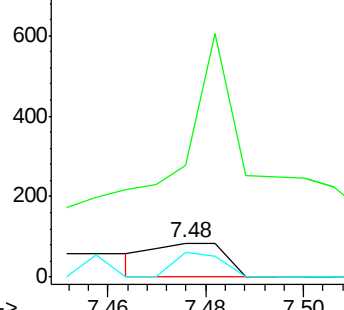
98 74.1 37.5 56.3#

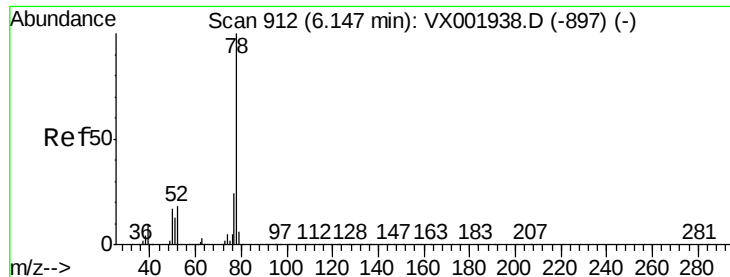


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 3.36 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

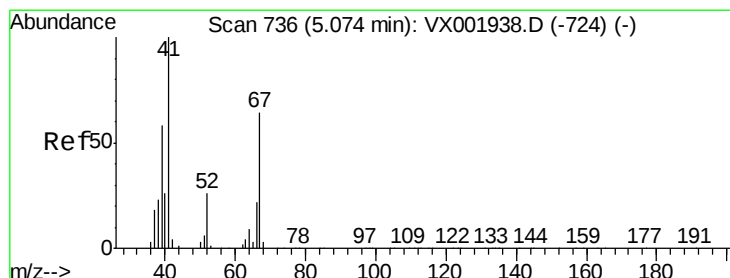
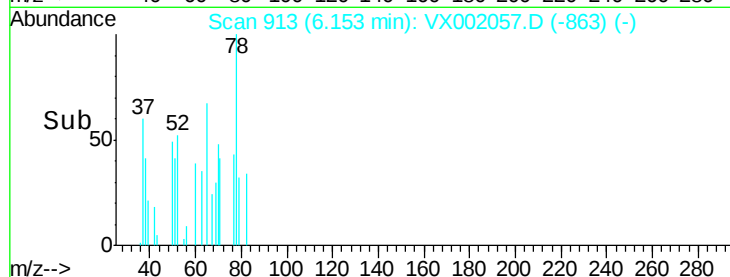
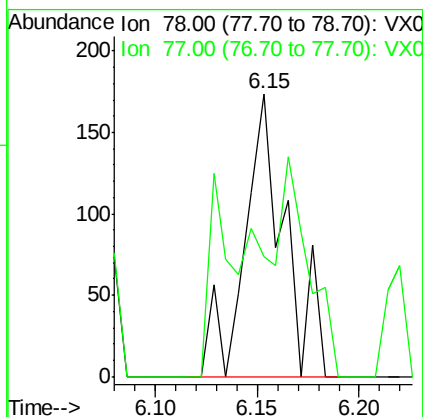
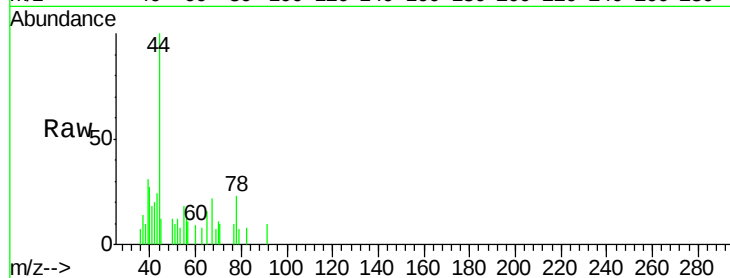
ClientSampleId :

Tot Ion: 78 Resp: 242

Ion Ratio Lower Upper

78 100

77 42.5 19.1 28.7#



#41

Methacrylonitrile

Concen: 12.46 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Tgt Ion: 41 Resp: 228

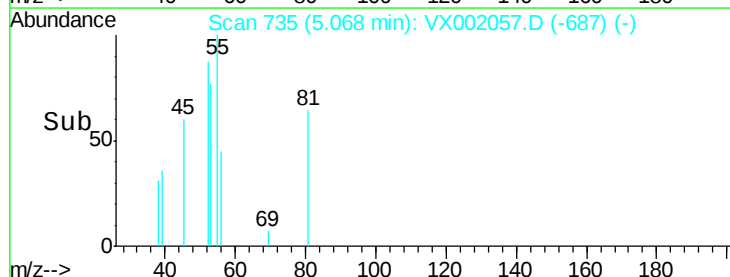
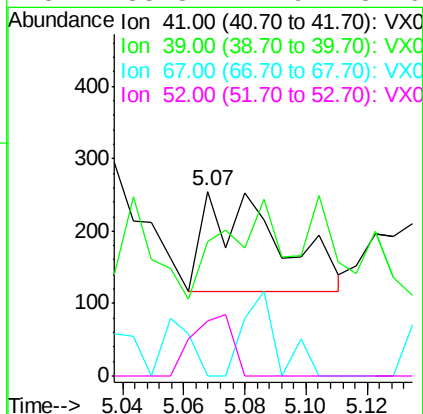
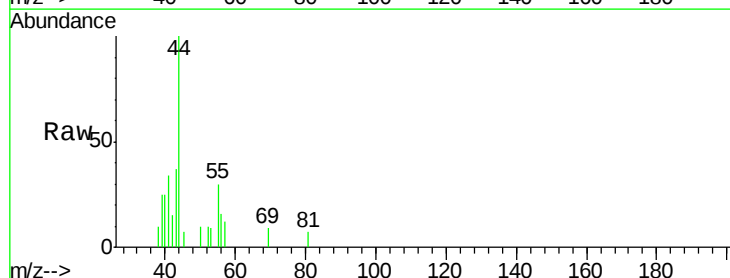
Ion Ratio Lower Upper

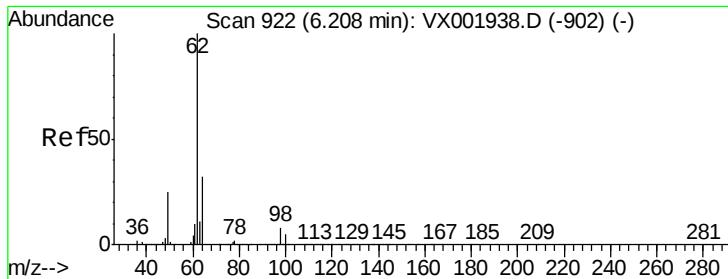
41 100

39 0.0 46.0 69.0#

67 21.9 50.6 75.8#

52 33.8 21.9 32.9#





#42

1,2-Dichloroethane

Concen: 0.76 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

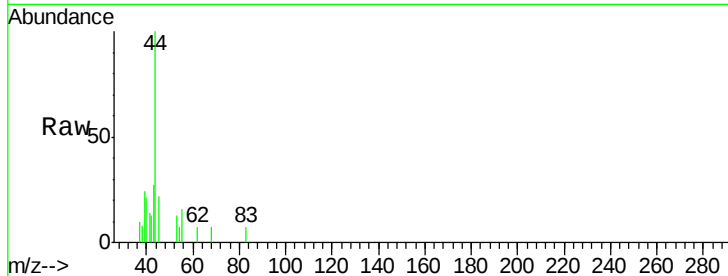
ClientSampleId :

Tot Ion: 62 Resp: 22

Ion Ratio Lower Upper

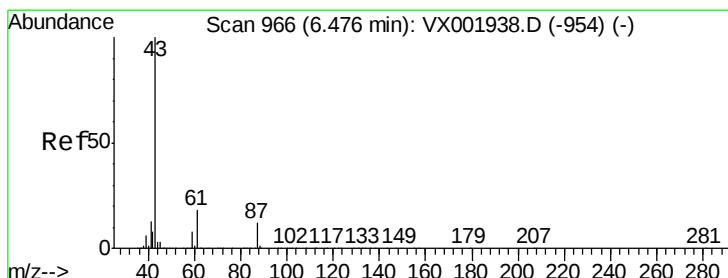
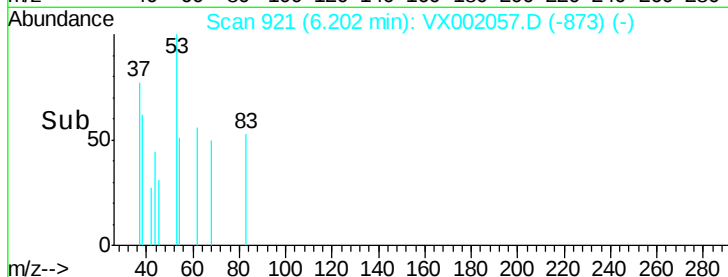
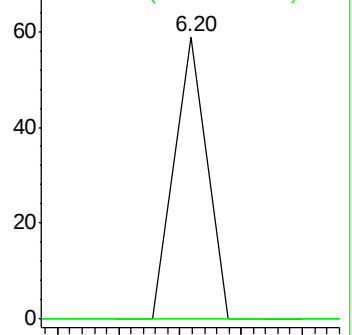
62 100

98 0.0 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 5.13 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

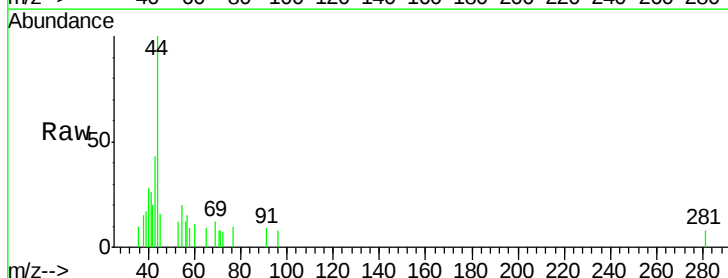
Tgt Ion: 43 Resp: 274

Ion Ratio Lower Upper

43 100

61 0.0 14.5 21.7#

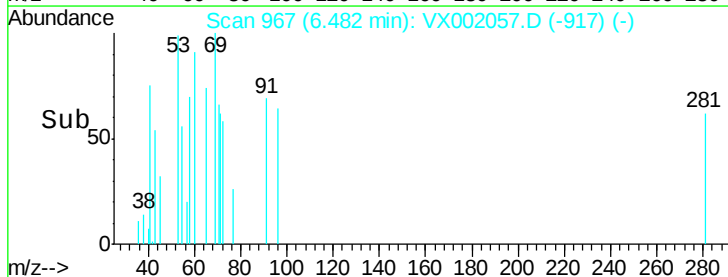
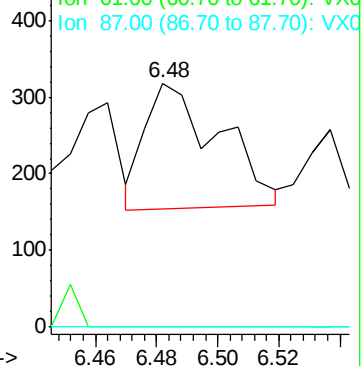
87 0.0 9.5 14.3#

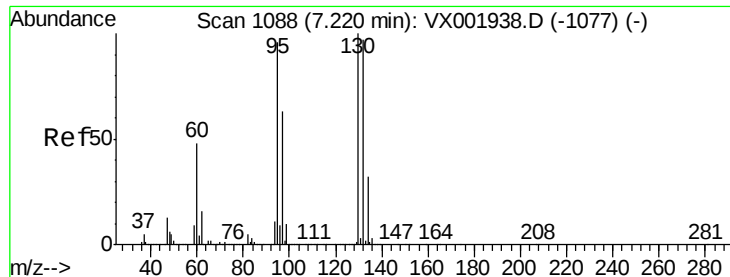


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 108.32 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

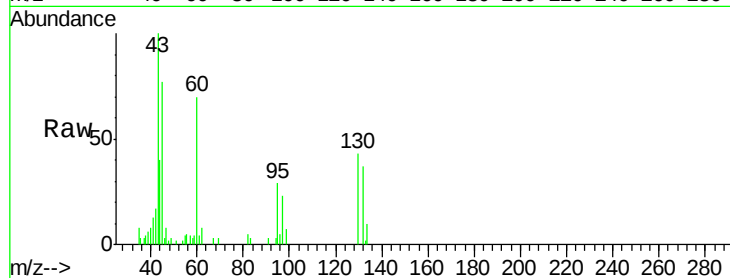
ClientSampleId :

Tot Ion:130 Resp: 2273

Ion Ratio Lower Upper

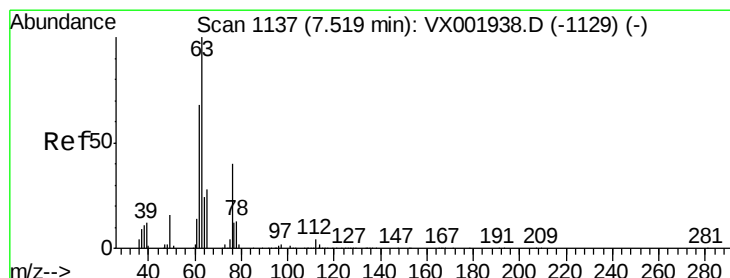
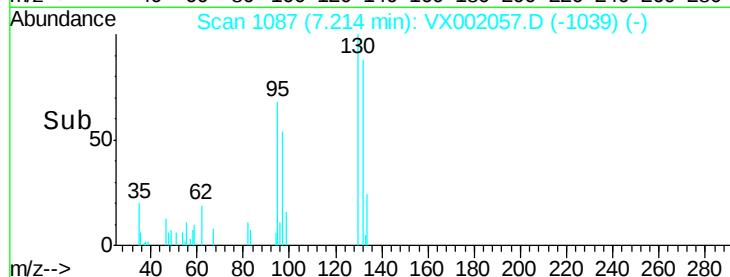
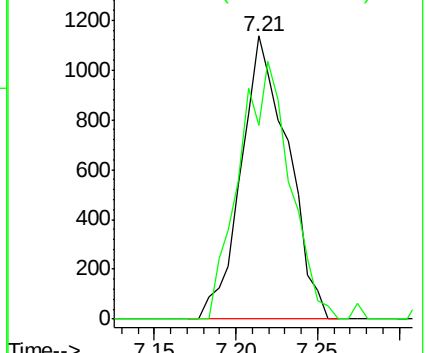
130 100

95 68.4 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.23 ug/l

RT: 7.39 min Scan# 1116

Delta R.T. -0.13 min

Lab File: VX002057.D

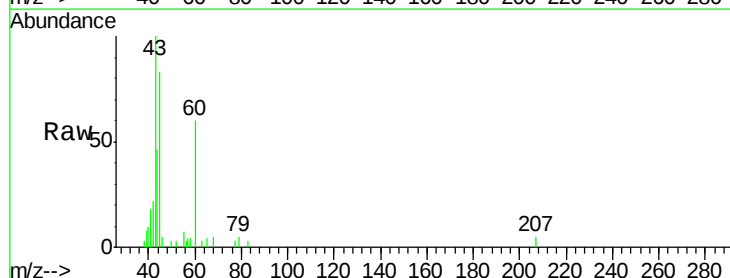
Acq: 27 May 2018 09:09

Tgt Ion: 63 Resp: 24

Ion Ratio Lower Upper

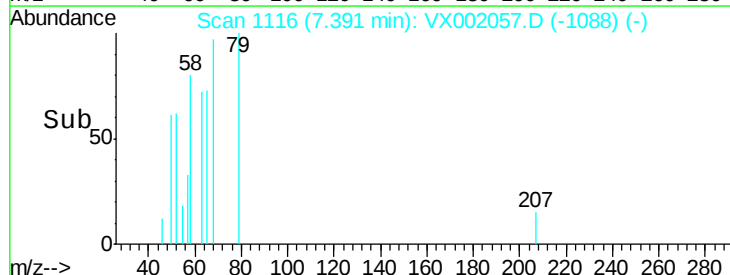
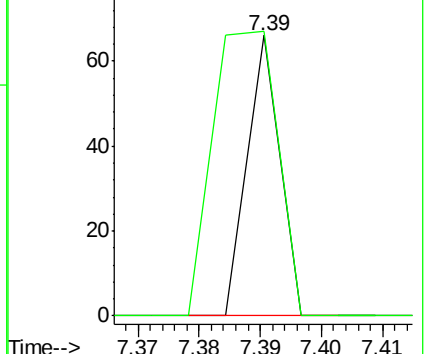
63 100

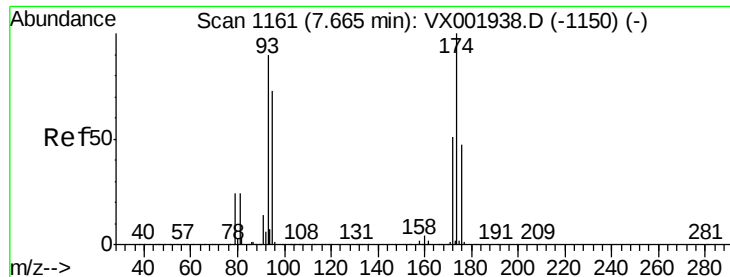
65 101.5 24.1 36.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 1.93 ug/l

RT: 7.58 min Scan# 1147

Delta R.T. -0.09 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

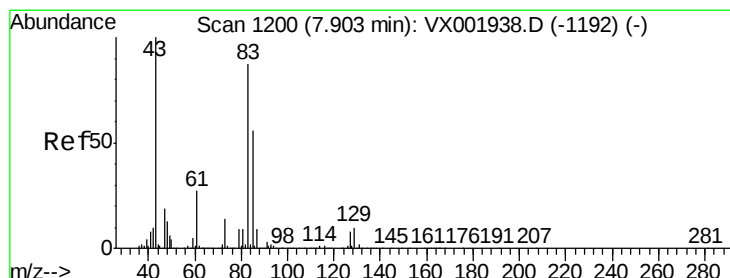
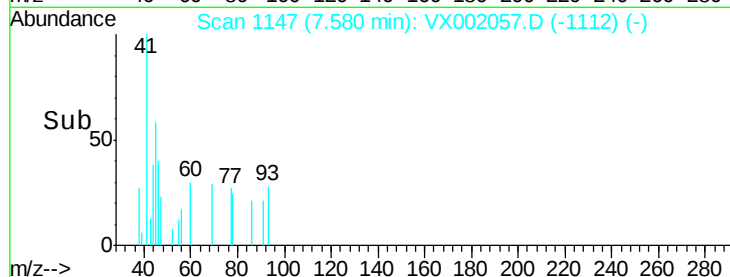
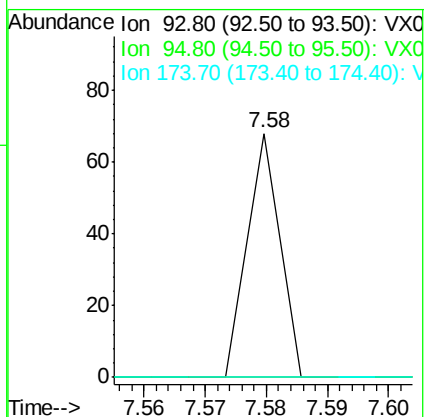
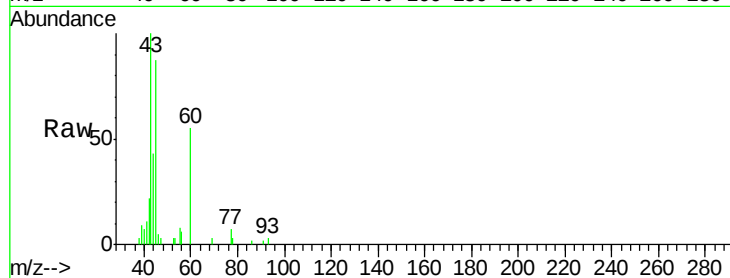
Tot Ion: 93 Resp: 25

Ion Ratio Lower Upper

93 100

95 0.0 66.1 99.1#

174 0.0 92.5 138.7#



#47

Bromodichloromethane

Concen: 42.78 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

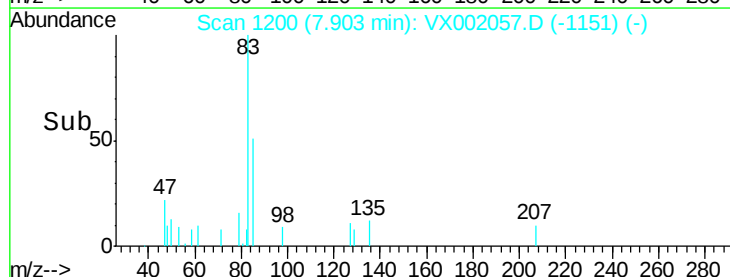
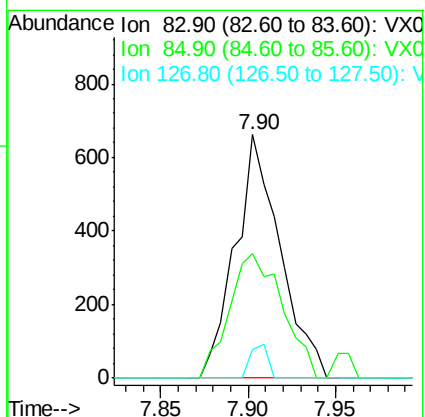
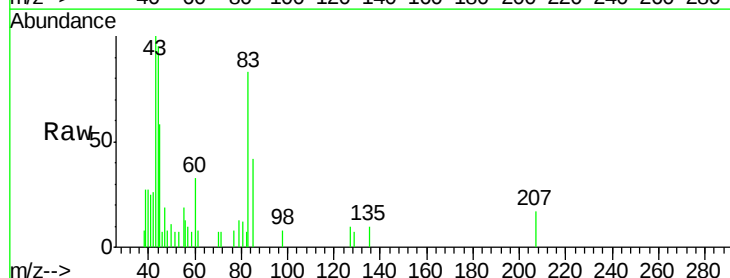
Tgt Ion: 83 Resp: 1181

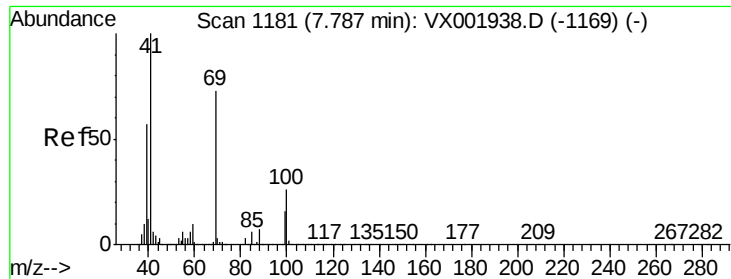
Ion Ratio Lower Upper

83 100

85 50.9 51.4 77.2#

127 11.5 7.1 10.7#

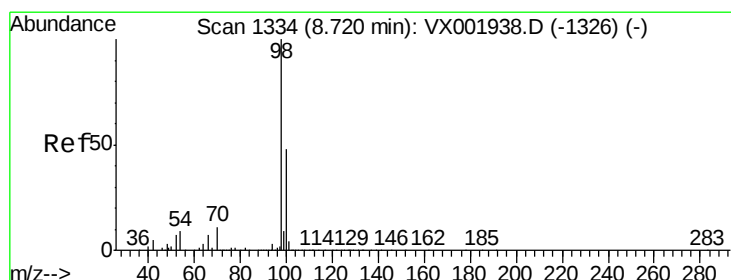
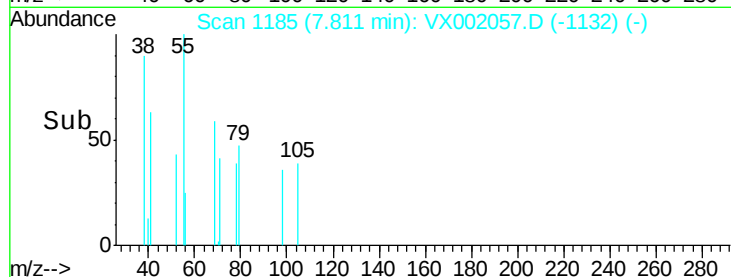
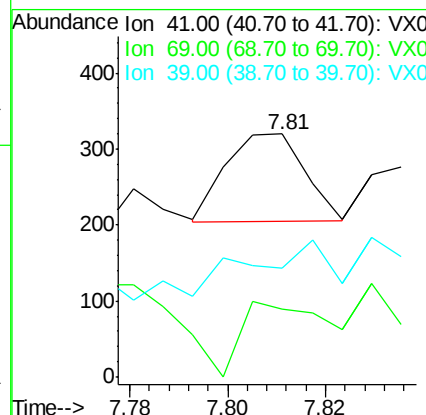
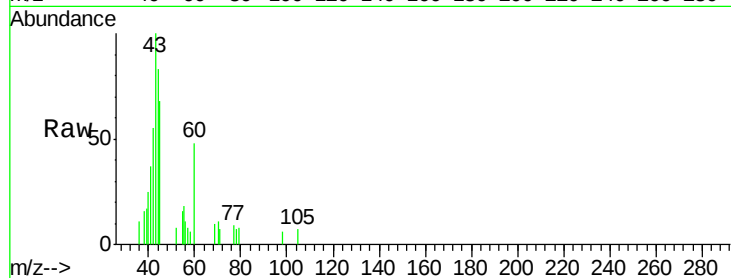




#48
Methvl methacrvlate
Concen: 4.75 ug/l
RT: 7.81 min Scan# 1185
Delta R.T. 0.02 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

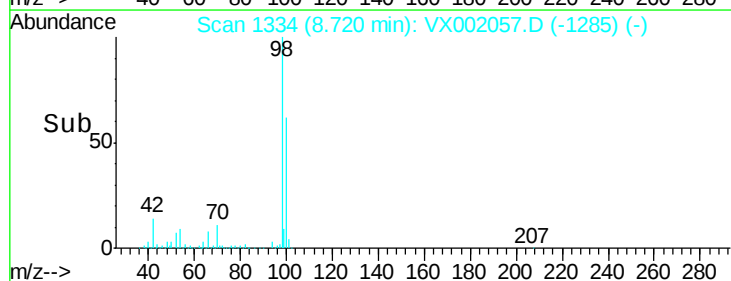
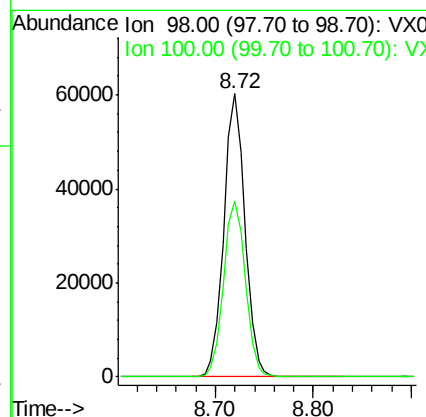
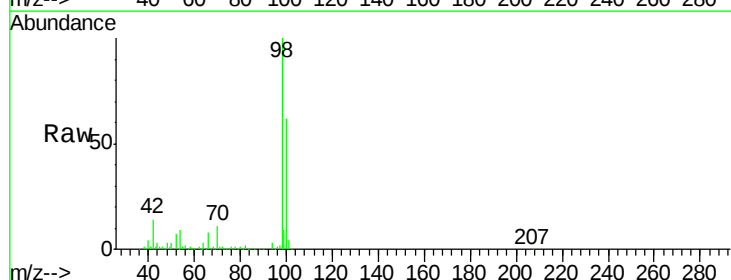
Instrument :
MSVOA_X
ClientSampleId :

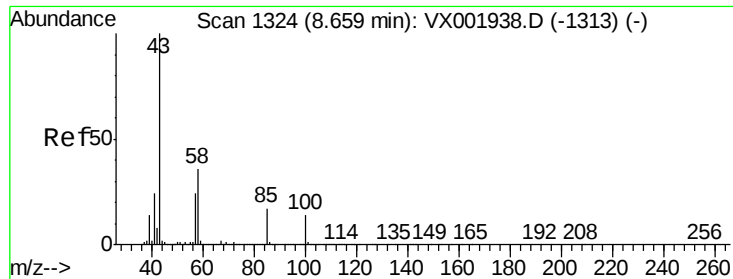
Tot Ion: 41 Resp: 129
Ion Ratio Lower Upper
41 100
69 95.3 58.6 87.8#
39 78.3 46.3 69.5#



#50
Toluene-d8
Concen: 1417.45 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Tgt Ion: 98 Resp: 90677
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

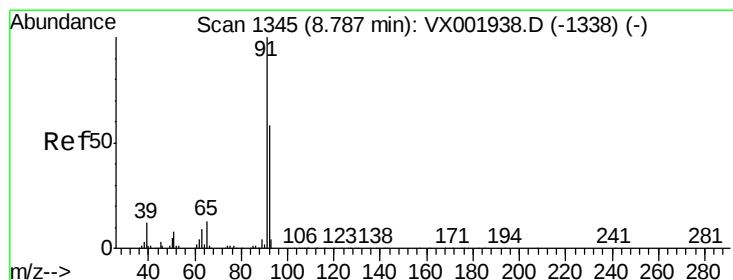
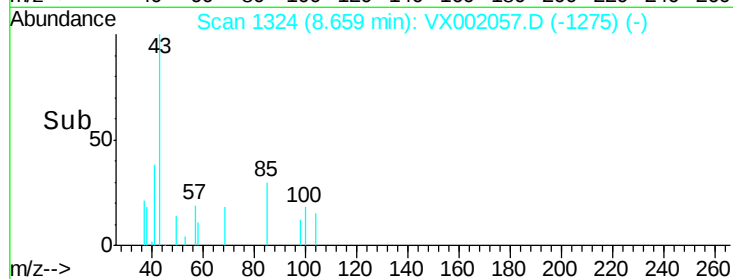
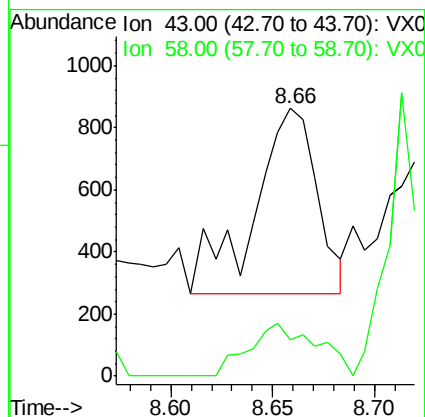
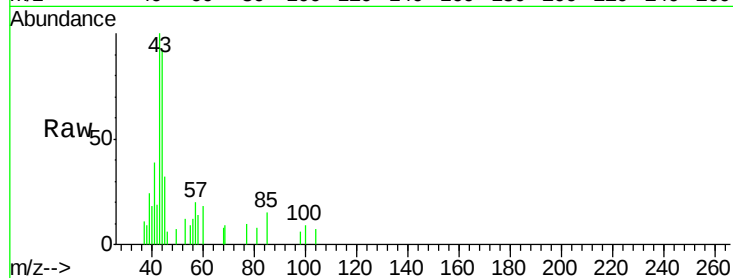




#51
 4-Methyl-2-Pentanone
 Concen: 39.86 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

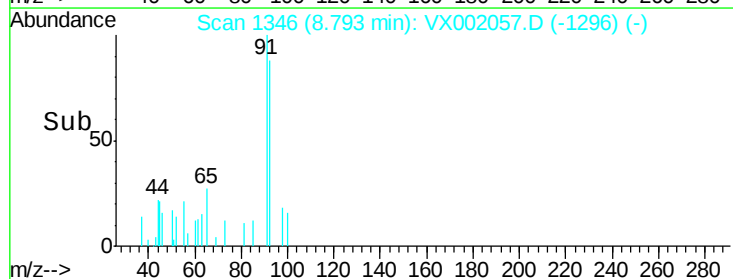
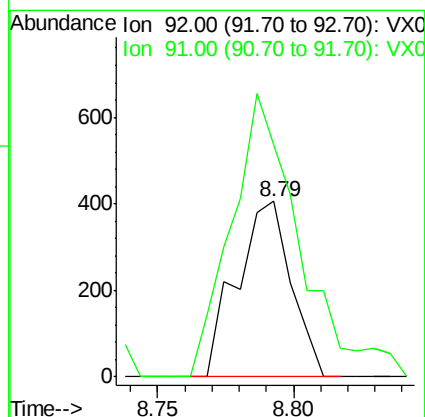
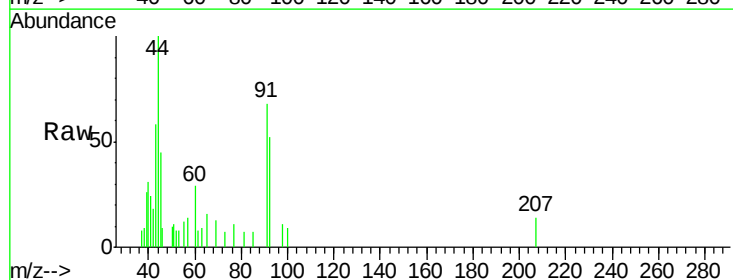
Instrument :
 MSVOA_X
 ClientSampleId :

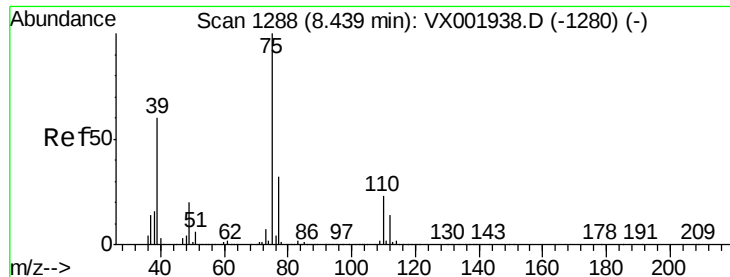
Tot Ion: 43 Resp: 1283
 Ion Ratio Lower Upper
 43 100
 58 30.8 28.5 42.7



#52
 Toluene
 Concen: 12.24 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

Tgt Ion: 92 Resp: 561
 Ion Ratio Lower Upper
 92 100
 91 202.7 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 1.64 ug/l

RT: 8.57 min Scan# 1310

Delta R.T. 0.13 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

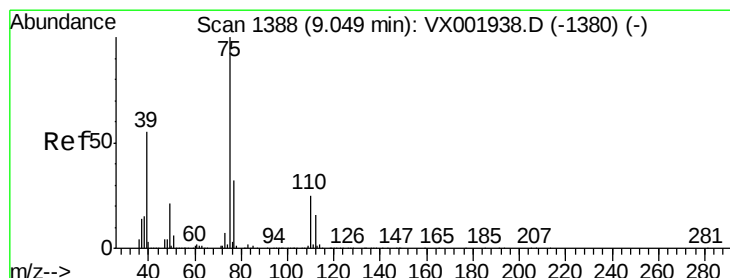
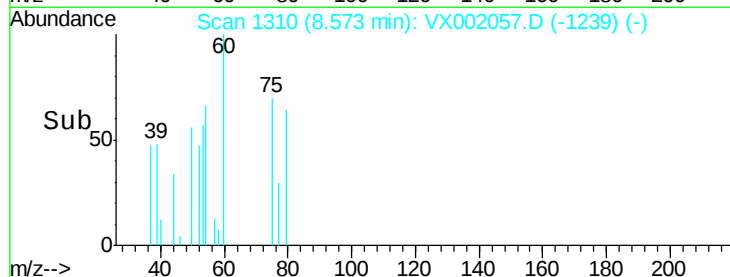
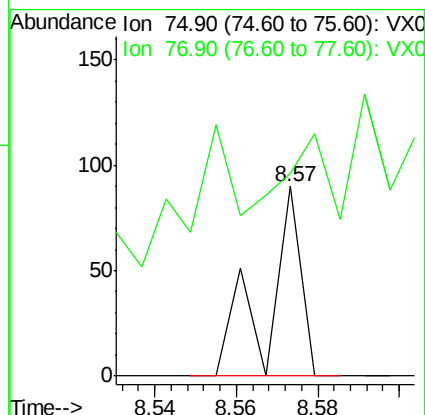
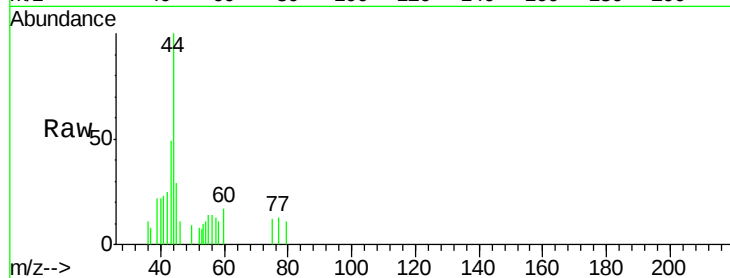
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 52

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 0.61 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.17 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

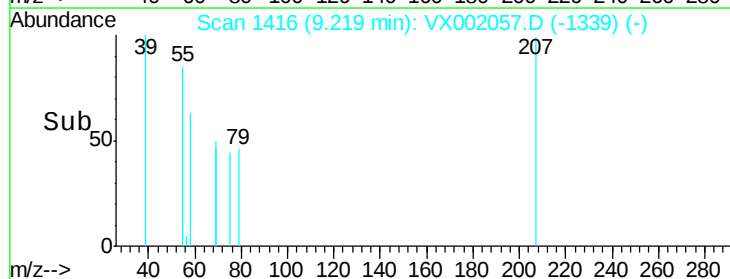
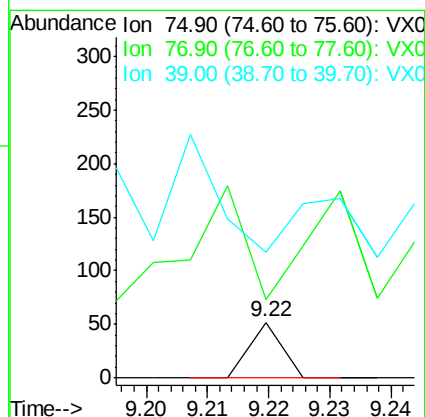
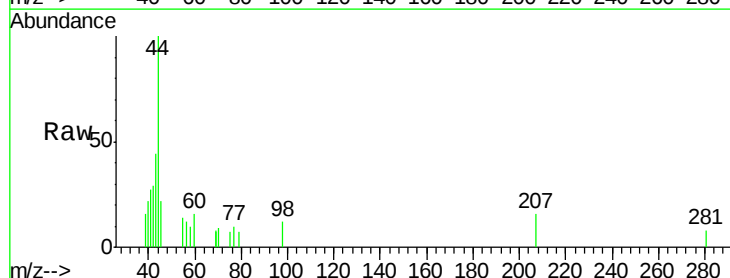
Tgt Ion: 75 Resp: 19

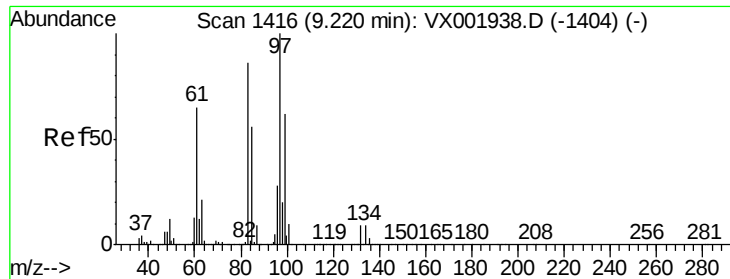
Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

39 0.0 44.1 66.1#

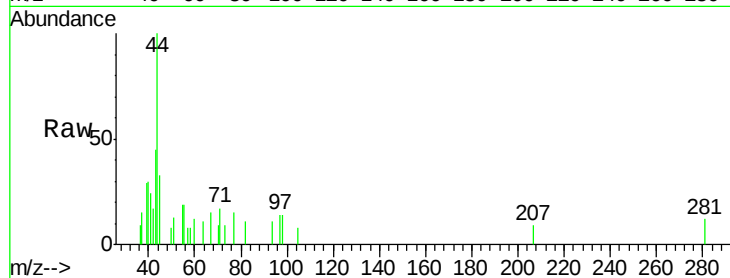




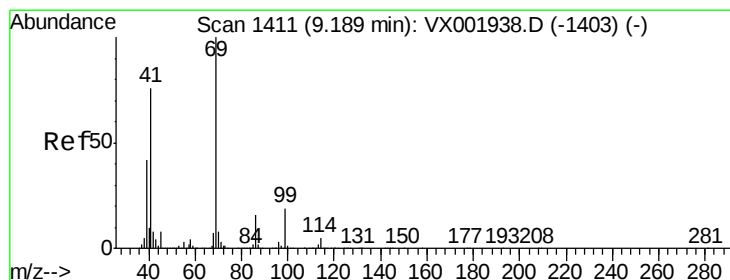
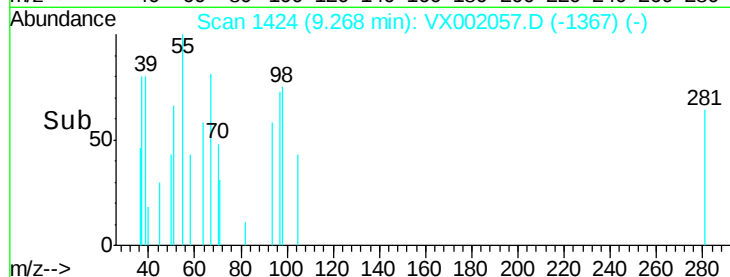
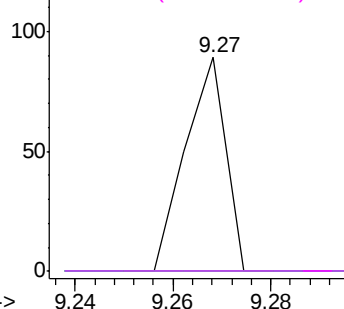
#55
 1,1,2-Trichloroethane
 Concen: 2.66 ug/l
 RT: 9.27 min Scan# 1424
 Delta R.T. 0.05 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	51
Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.1	103.7#
85	0.0	45.2	67.8#
99	0.0	49.6	74.4#

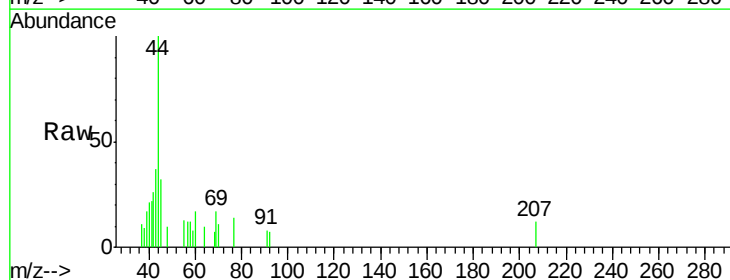


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

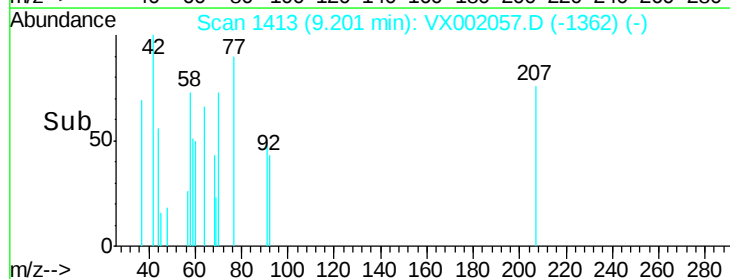
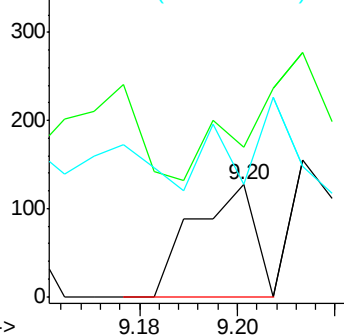


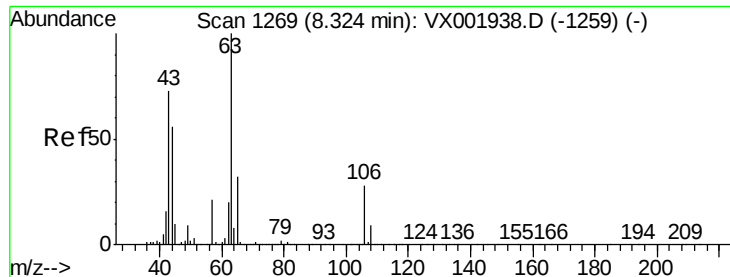
#56
 Ethyl methacrylate
 Concen: 3.37 ug/l
 RT: 9.20 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

Tgt Ion:	69	Resp:	111
Ion	Ratio	Lower	Upper
69	100		
41	0.0	61.0	91.6#
39	0.0	34.4	51.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

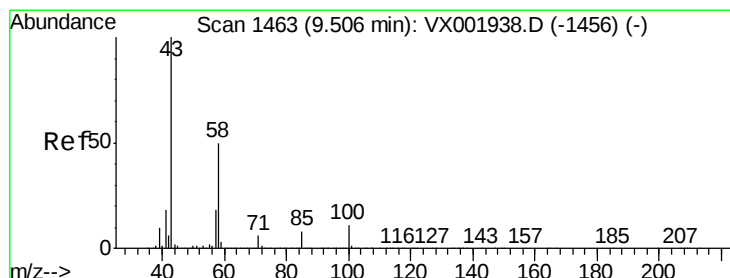
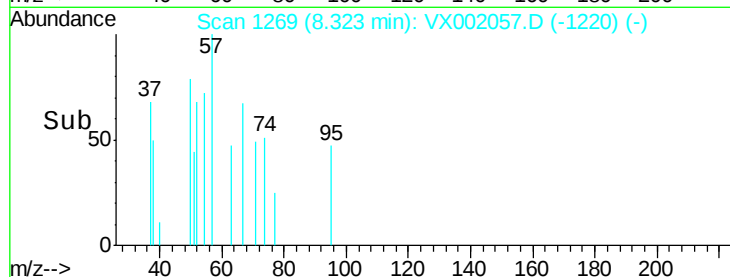
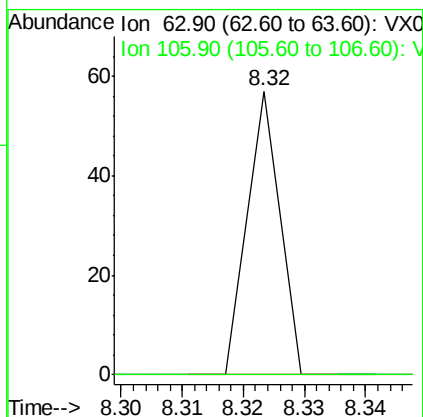
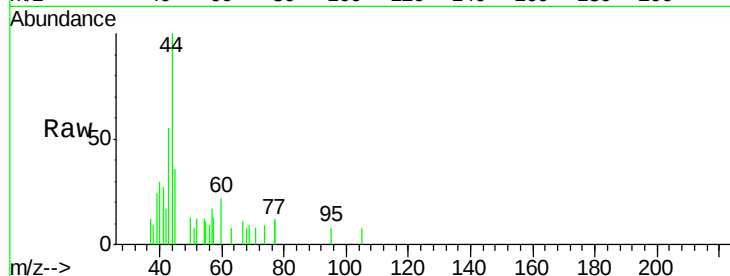




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.44 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

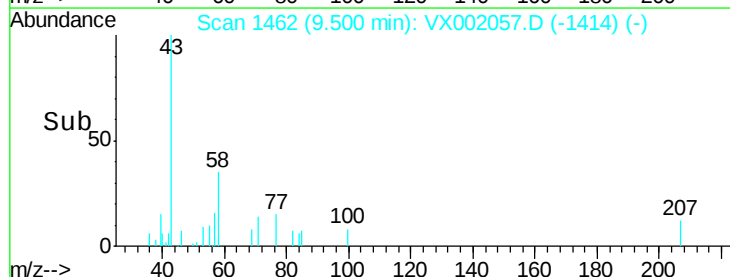
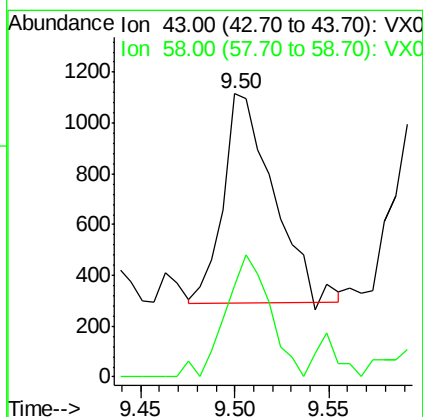
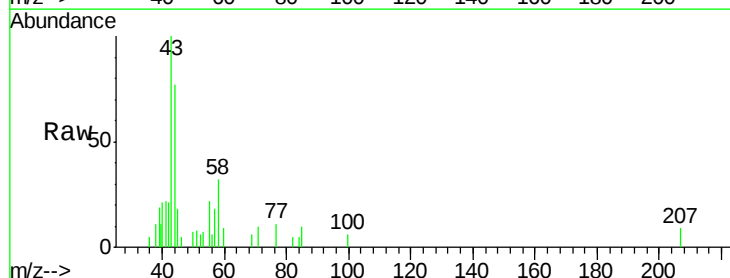
Instrument :
 MSVOA_X
 ClientSampleId :

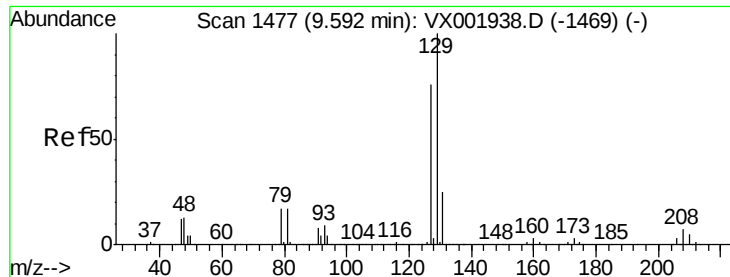
Tot Ion: 63 Resp: 21
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.7 32.5#



#59
 2-Hexanone
 Concen: 61.25 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

Tgt Ion: 43 Resp: 1520
 Ion Ratio Lower Upper
 43 100
 58 51.5 24.9 74.6





#60

Dibromochloromethane

Concen: 12.83 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

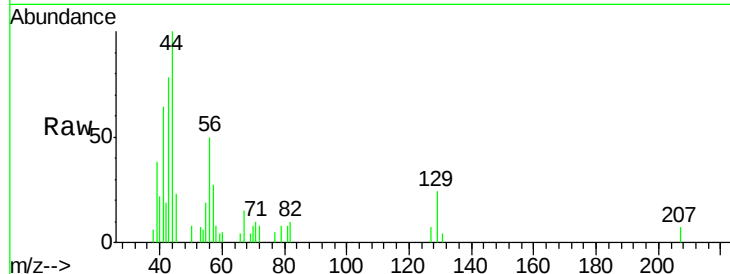
ClientSampleId :

Tot Ion:129 Resp: 291

Ion Ratio Lower Upper

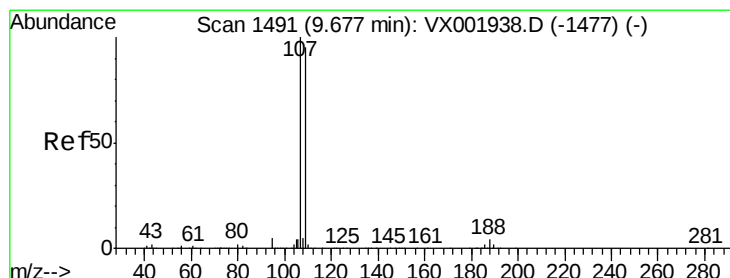
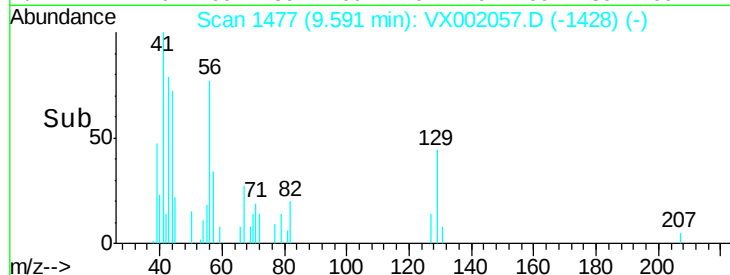
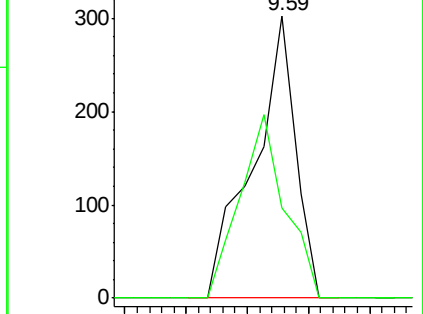
129 100

127 69.1 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.90 ug/l

RT: 9.51 min Scan# 1464

Delta R.T. -0.16 min

Lab File: VX002057.D

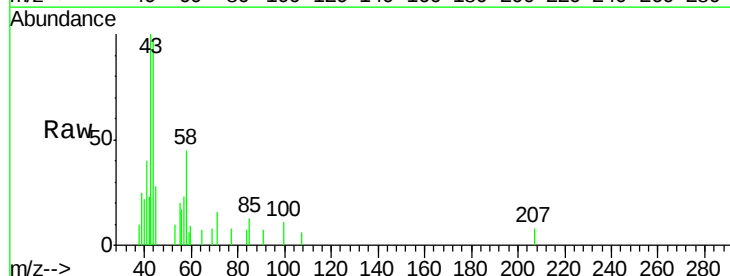
Acq: 27 May 2018 09:09

Tgt Ion:107 Resp: 18

Ion Ratio Lower Upper

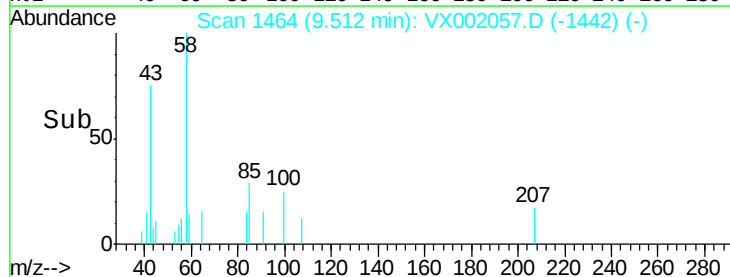
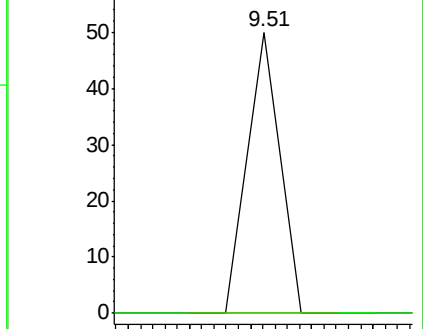
107 100

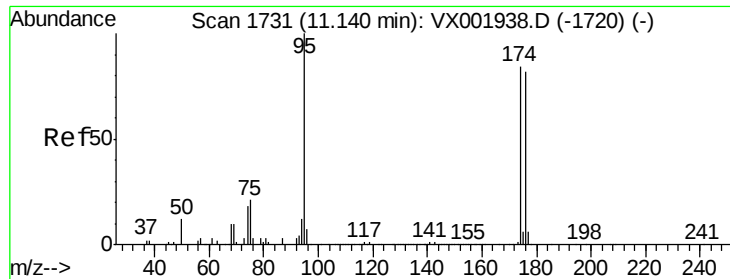
109 0.0 75.3 112.9#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 1228.36 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

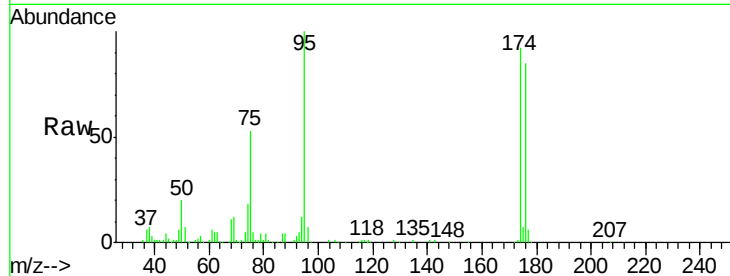
Tot Ion: 95 Resp: 30745

Ion Ratio Lower Upper

95 100

174 95.3 0.0 178.8

176 91.1 0.0 175.6



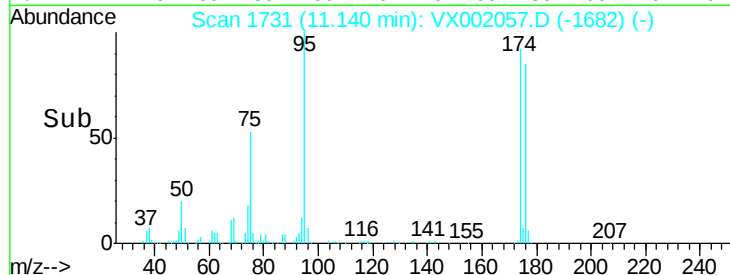
Abundance Ion 94.90 (94.60 to 95.60): VX001938.D (-1720) (-)

Ion 173.80 (173.50 to 174.50): VX001938.D (-1720) (-)

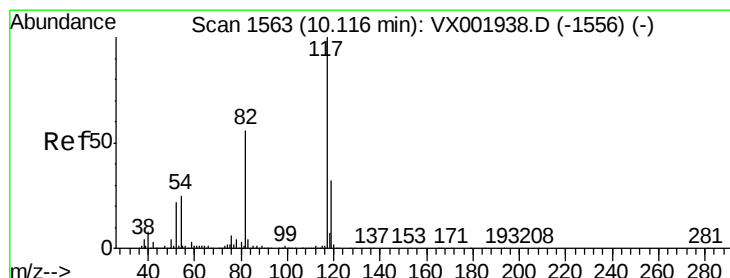
Ion 175.80 (175.50 to 176.50): VX001938.D (-1720) (-)

Time-->

11.14



Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

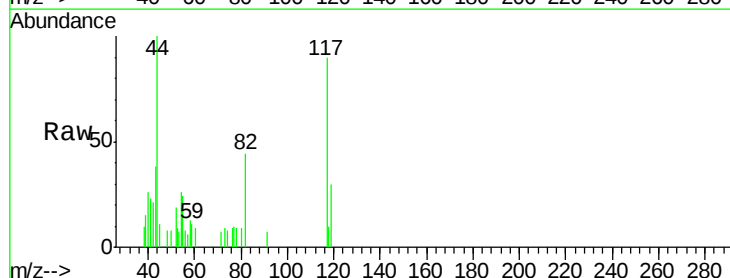
Tgt Ion: 117 Resp: 1039

Ion Ratio Lower Upper

117 100

82 41.6 44.8 67.2#

119 32.9 25.5 38.3



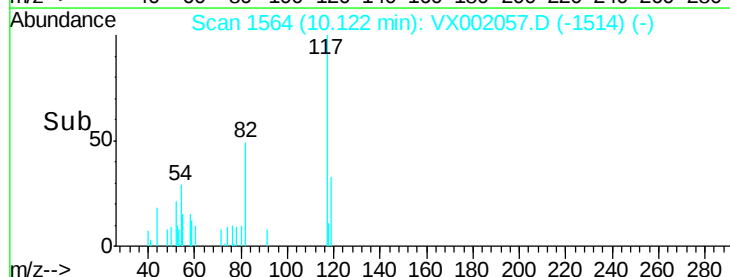
Abundance Ion 116.90 (116.60 to 117.60): VX001938.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001938.D (-1556) (-)

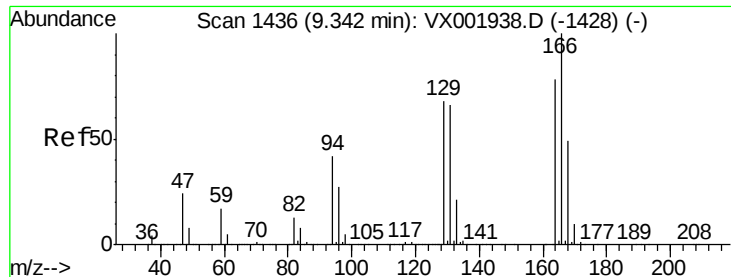
Ion 118.90 (118.60 to 119.60): VX001938.D (-1556) (-)

Time-->

10.12



Time-->



#64

Tetrachloroethene

Concen: 5.24 ug/l

RT: 9.35 min Scan# 1437

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 78

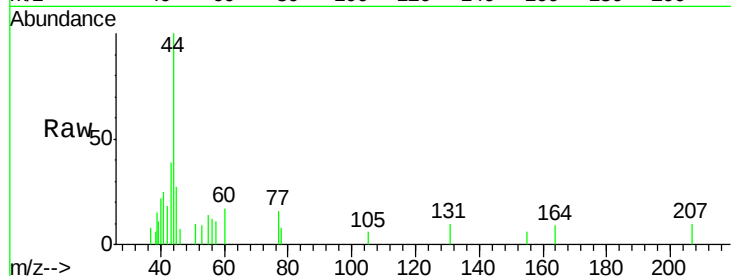
Ion Ratio Lower Upper

164 100

166 0.0 102.7 154.1#

129 0.0 70.3 105.5#

131 111.5 68.2 102.4#



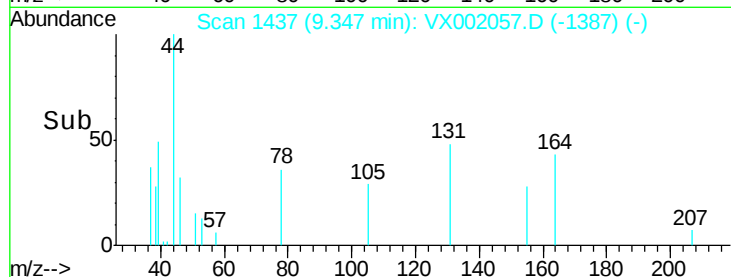
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

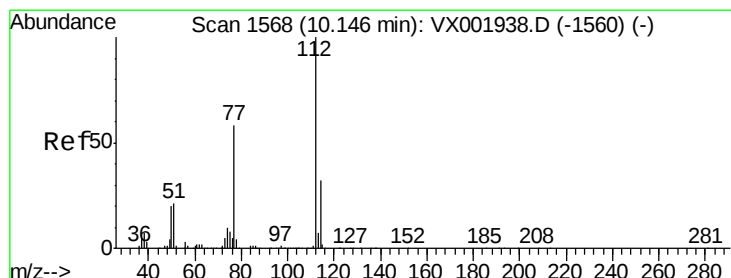
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Time-->



#65

Chlorobenzene

Concen: 6.93 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002057.D

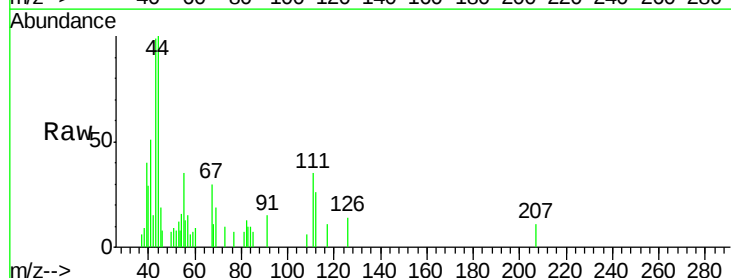
Acq: 27 May 2018 09:09

Tgt Ion:112 Resp: 228

Ion Ratio Lower Upper

112 100

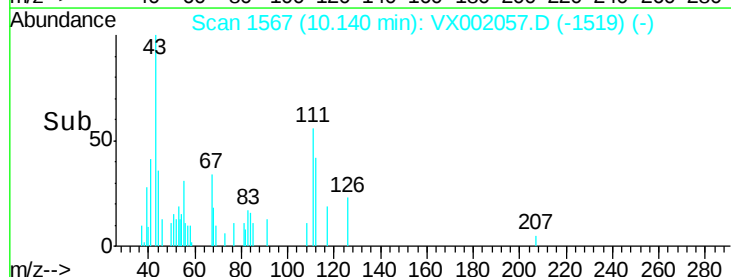
114 0.0 25.9 38.9#



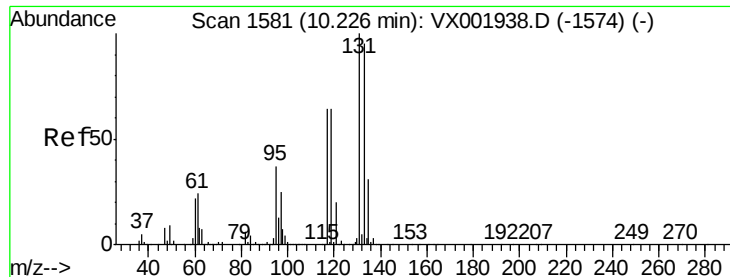
Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

Time-->



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 1.66 ug/l

RT: 10.48 min Scan# 1622

Delta R.T. 0.25 min

Lab File: VX002057.D

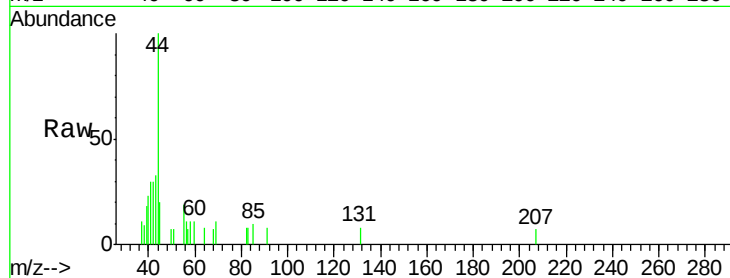
Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

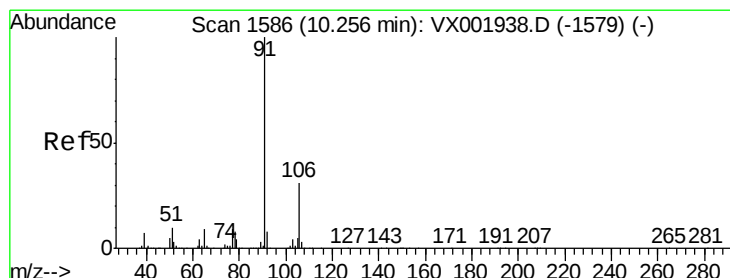
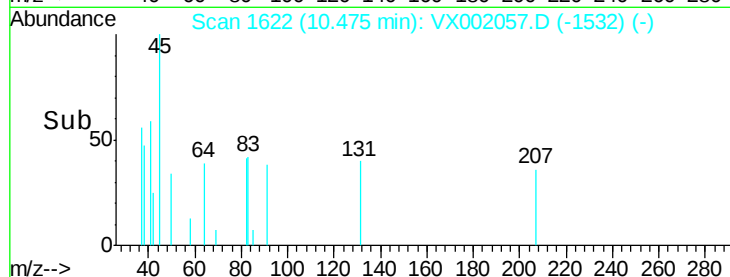
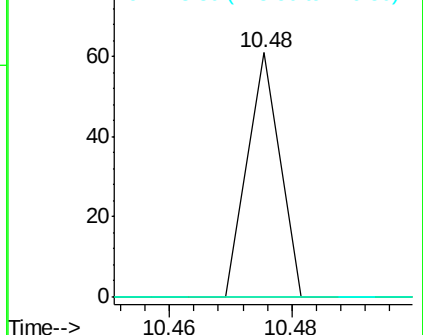
Tot Ion	Ratio	Lower	Upper
131	100		
133	0.0	48.0	144.0#
119	0.0	31.9	95.5#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 22.47 ug/l

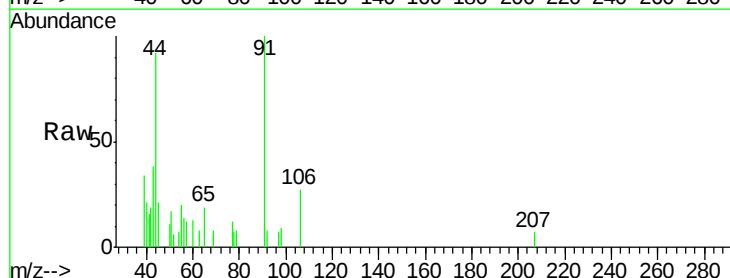
RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002057.D

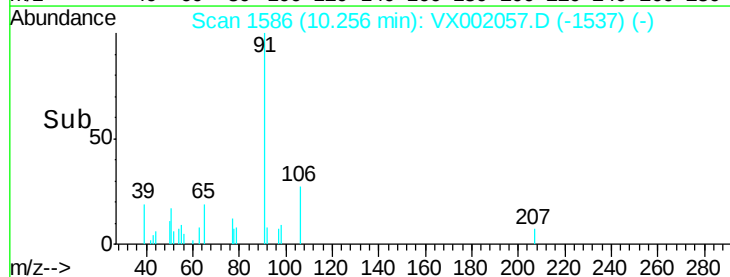
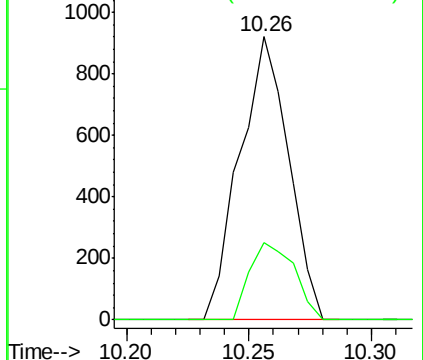
Acq: 27 May 2018 09:09

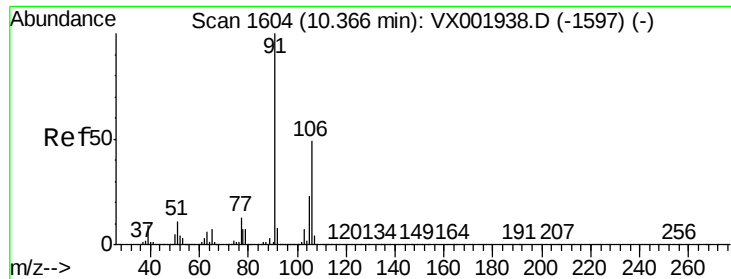
Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.4	25.0	37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

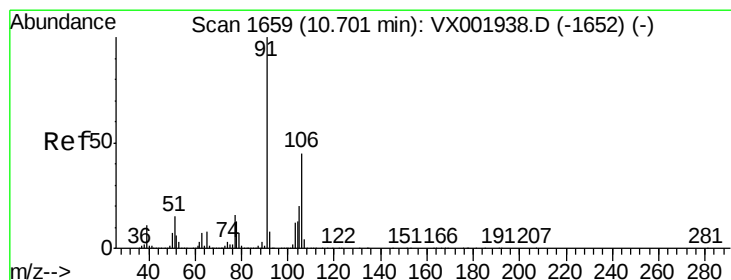
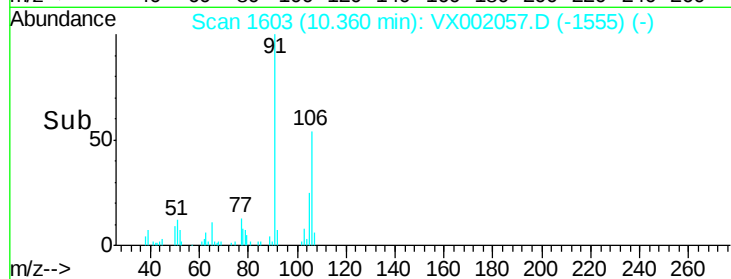
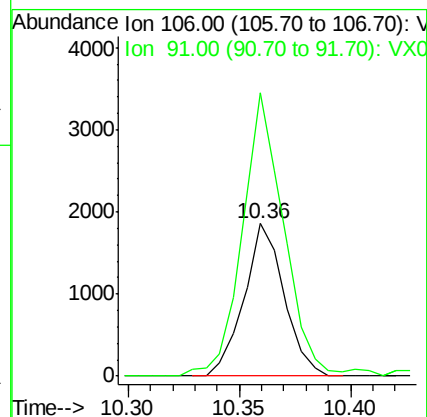
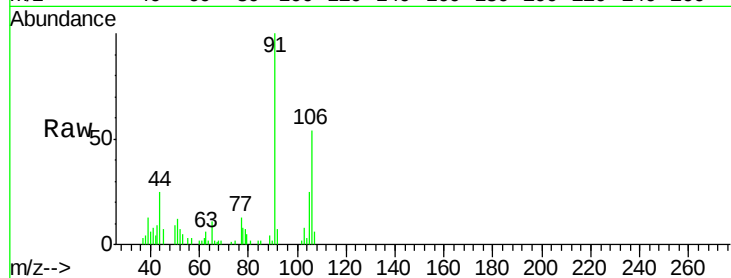




#68
m/p-Xylenes
Concen: 106.25 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

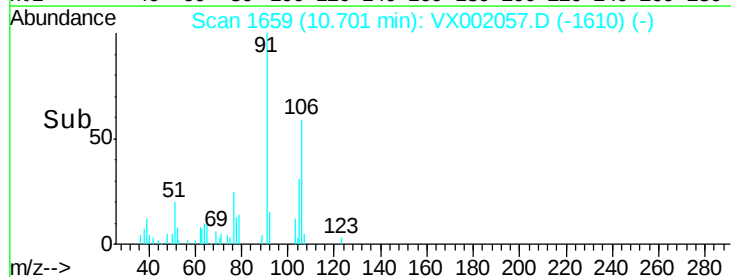
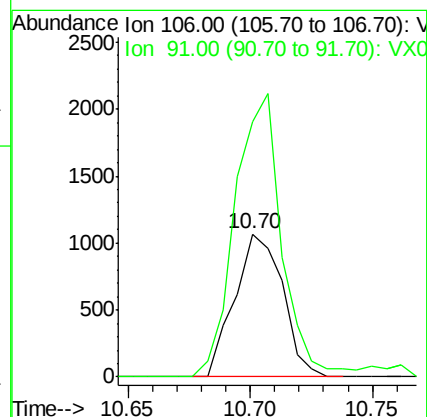
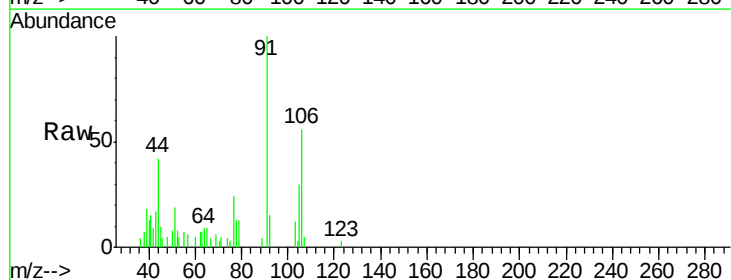
Instrument :
MSVOA_X
ClientSampleId :

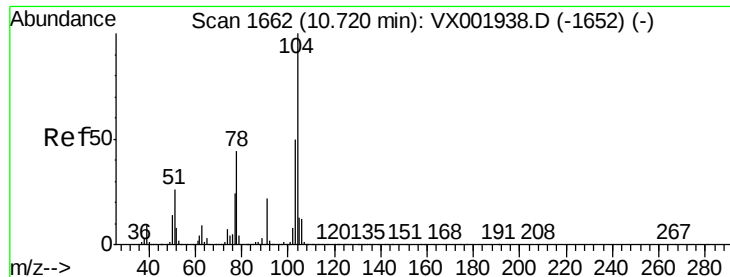
Tot Ion:106 Resp: 2323
Ion Ratio Lower Upper
106 100
91 193.7 165.0 247.6



#69
o-Xylene
Concen: 66.70 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Tgt Ion:106 Resp: 1456
Ion Ratio Lower Upper
106 100
91 193.8 108.7 325.9





#70

Stvrene

Concen: 9.23 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

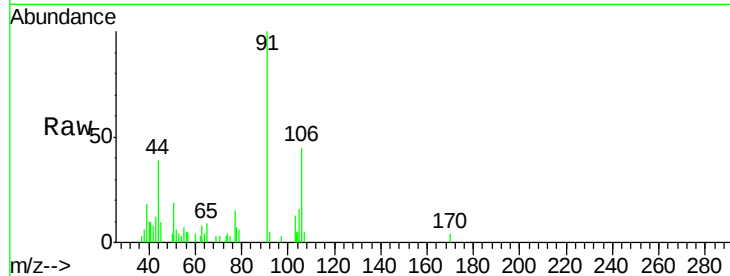
Tot Ion:104 Resp: 334

Ion Ratio Lower Upper

104 100

78 144.9 41.8 62.6#

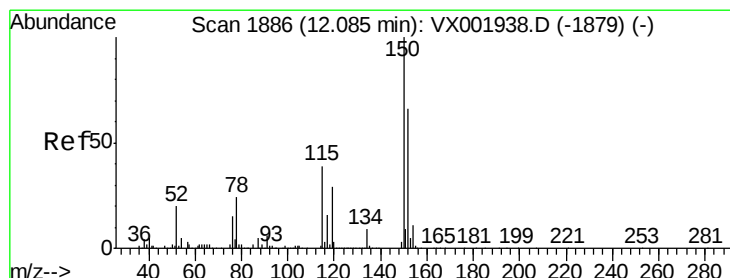
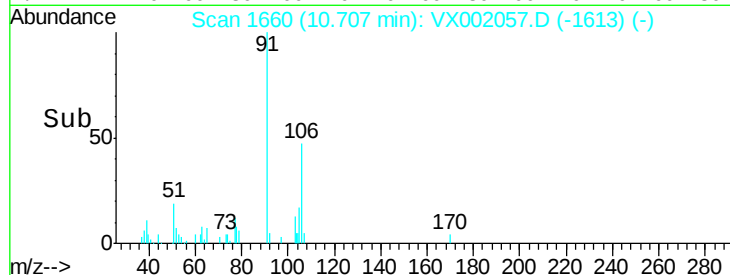
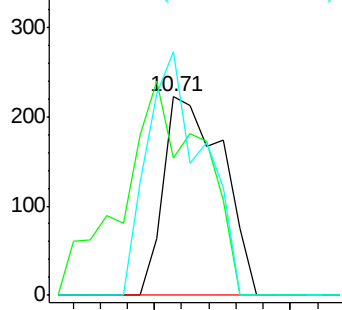
103 116.5 44.6 67.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

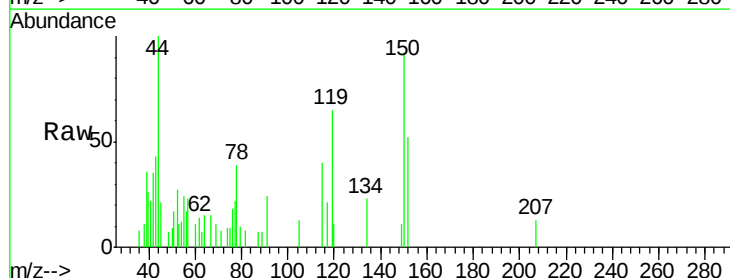
Tgt Ion:152 Resp: 563

Ion Ratio Lower Upper

152 100

115 90.1 42.3 126.8

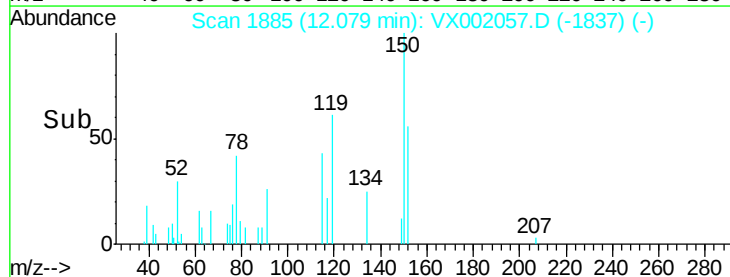
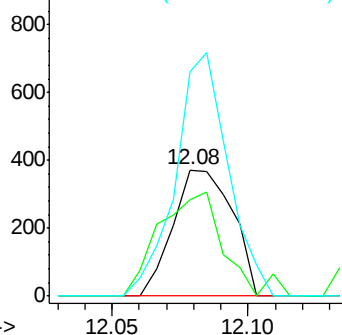
150 170.2 0.0 351.0

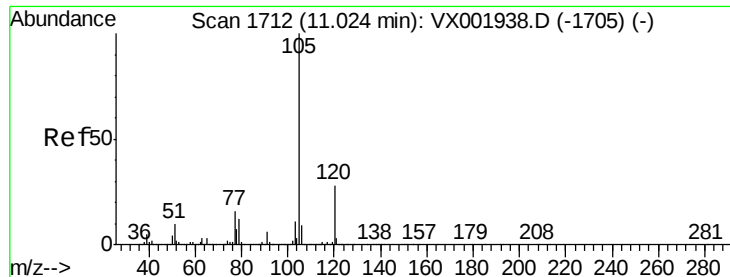


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.46 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

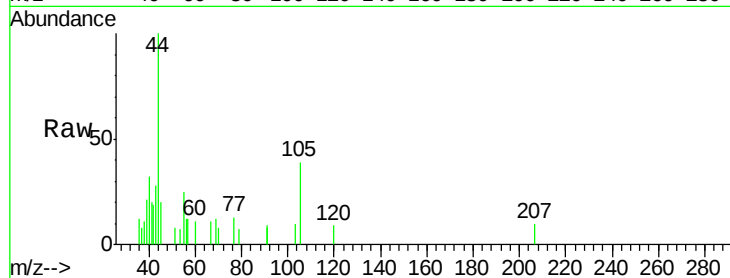
ClientSampleId :

Tot Ion:105 Resp: 451

Ion Ratio Lower Upper

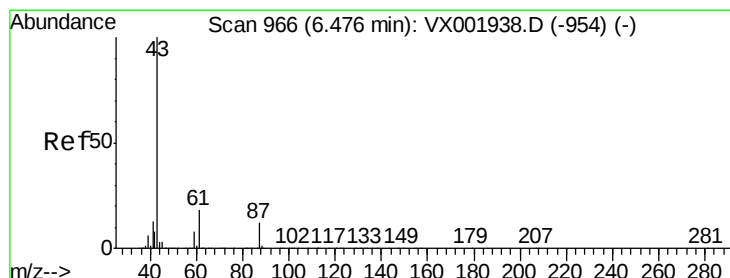
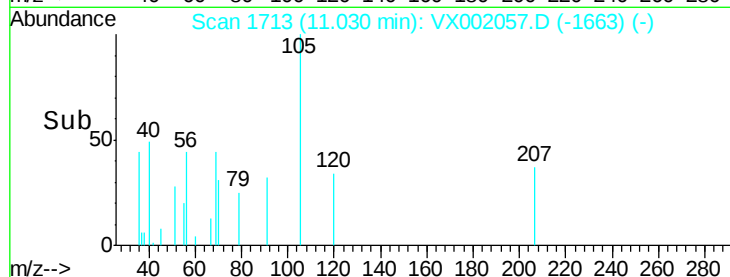
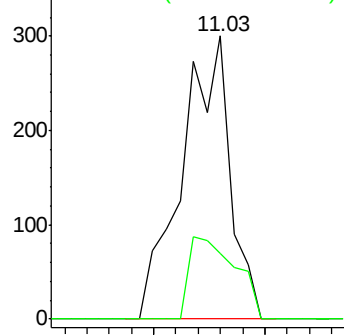
105 100

120 28.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 8.46 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Tgt Ion: 43 Resp: 274

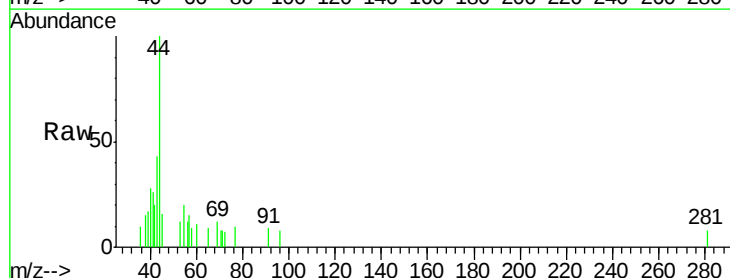
Ion Ratio Lower Upper

43 100

70 58.0 0.1 0.1#

55 59.5 0.1 0.1#

61 0.0 14.5 21.7#

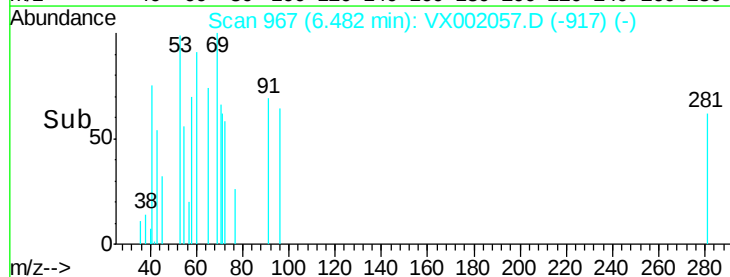
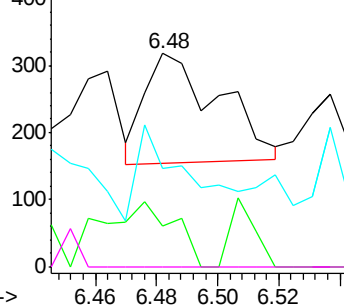


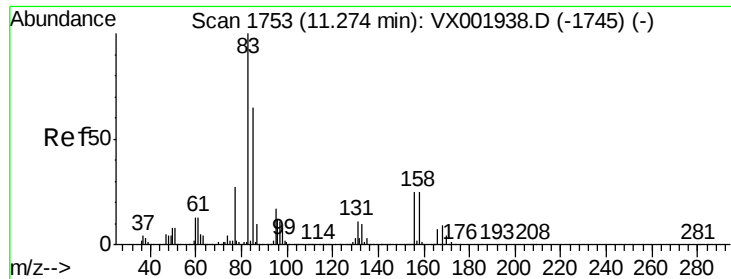
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 6.33 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

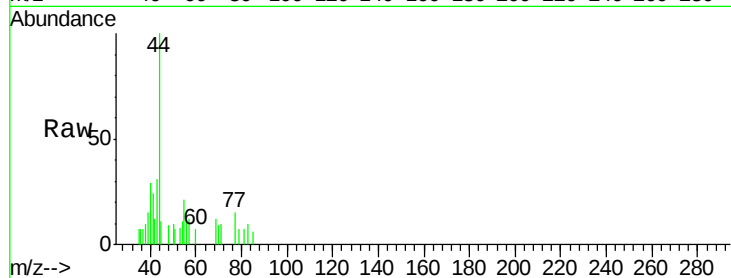
Tot Ion: 83 Resp: 97

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

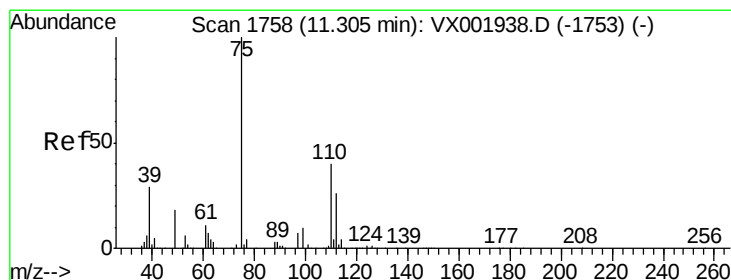
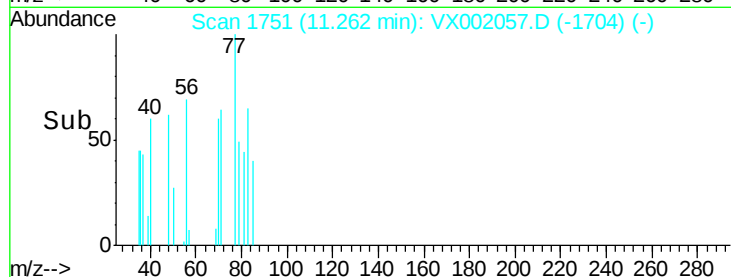
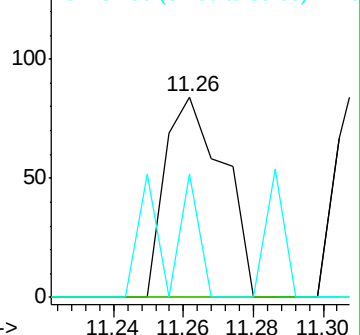
85 39.2 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1200.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002057.D

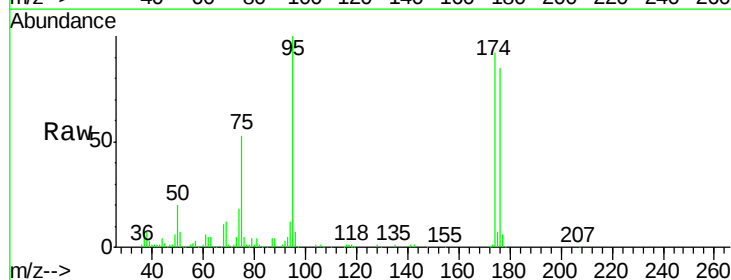
Acq: 27 May 2018 09:09

Tgt Ion: 75 Resp: 16236

Ion Ratio Lower Upper

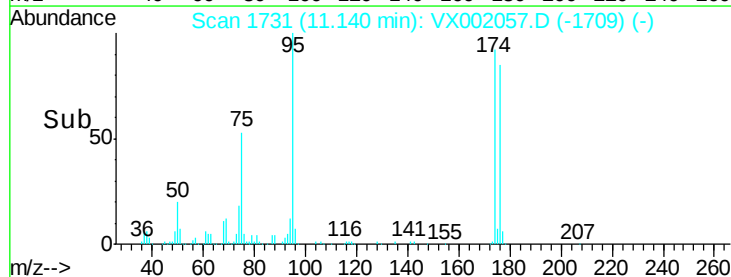
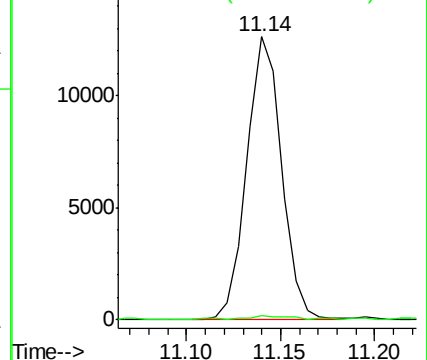
75 100

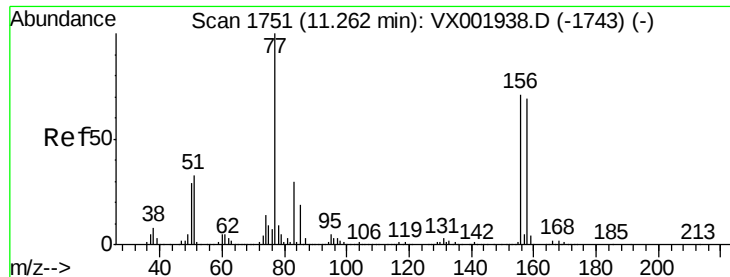
77 1.9 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 2.45 ug/l

RT: 11.25 min Scan# 1749

Delta R.T. -0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampled :

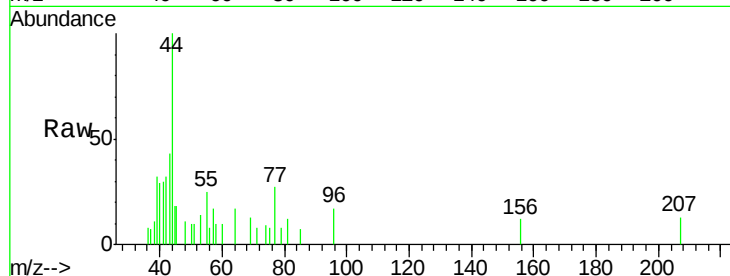
Tot Ion:156 Resp: 31

Ion Ratio Lower Upper

156 100

77 1164.5 75.2 225.6#

158 0.0 48.6 145.8#

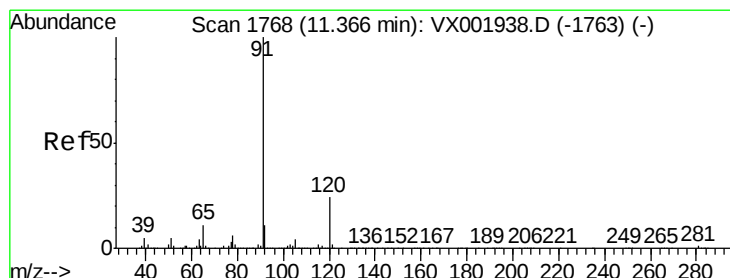
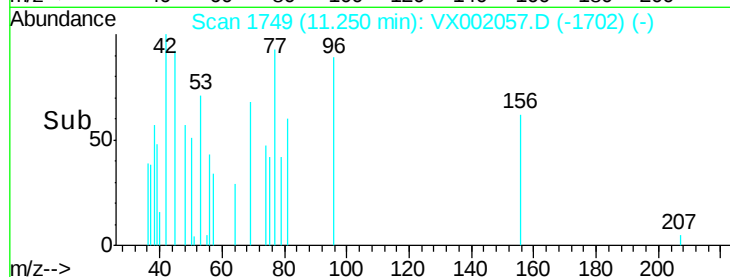
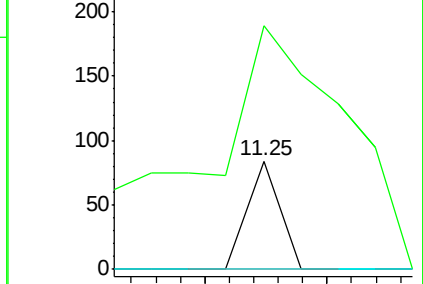


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

11.25



#78

n-propylbenzene

Concen: 21.16 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002057.D

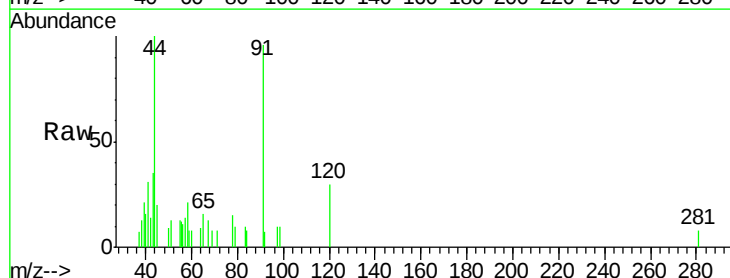
Acq: 27 May 2018 09:09

Tgt Ion: 91 Resp: 1130

Ion Ratio Lower Upper

91 100

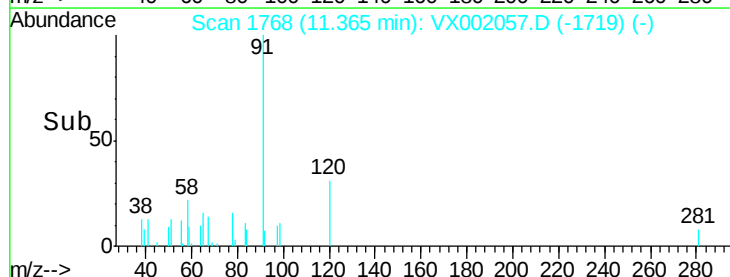
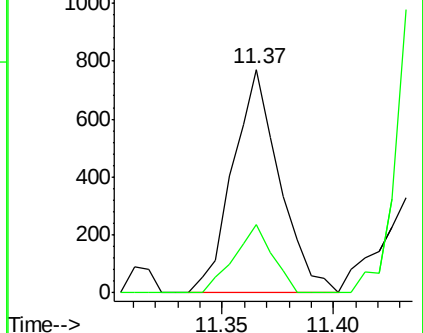
120 25.2 11.9 35.7

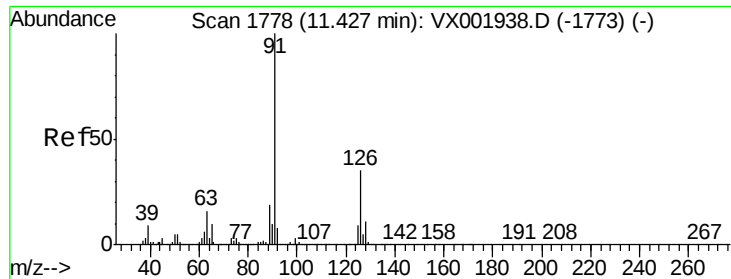


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.37





#79

2-Chlorotoluene

Concen: 33.16 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

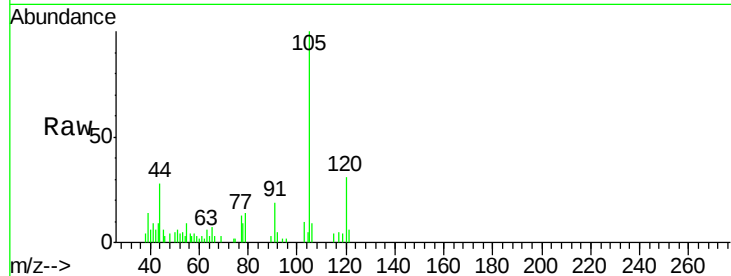
ClientSampleId :

Tot Ion: 91 Resp: 994

Ion Ratio Lower Upper

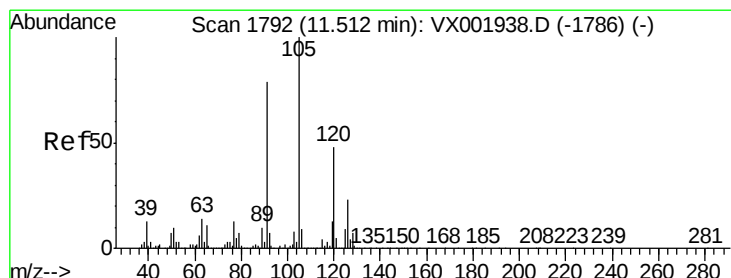
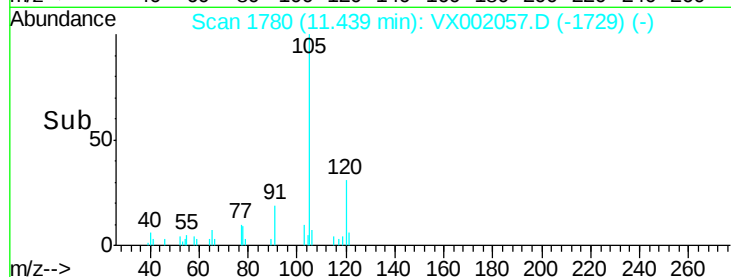
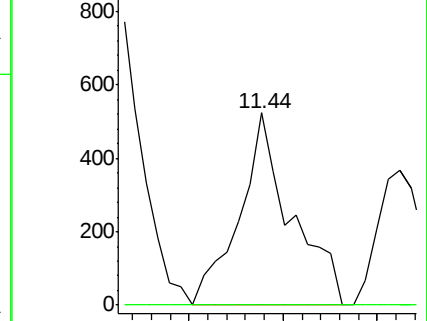
91 100

126 0.0 17.4 52.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 65.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002057.D

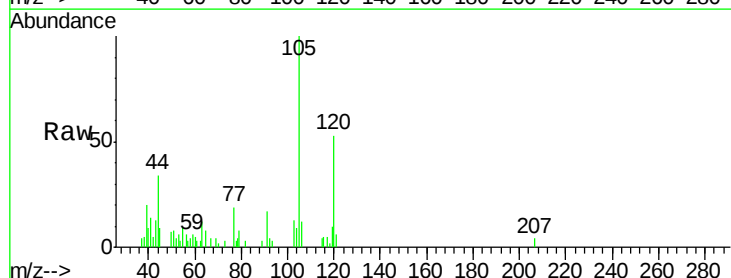
Acq: 27 May 2018 09:09

Tgt Ion: 105 Resp: 2653

Ion Ratio Lower Upper

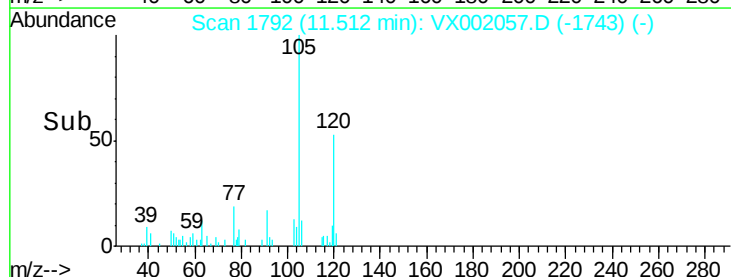
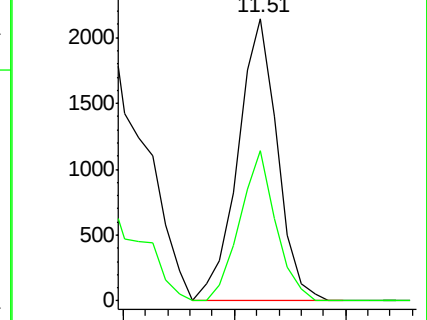
105 100

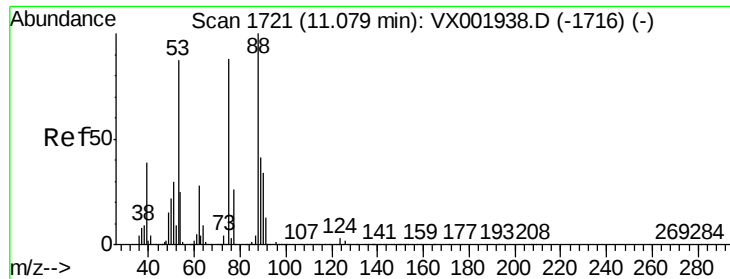
120 48.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 2885.61 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

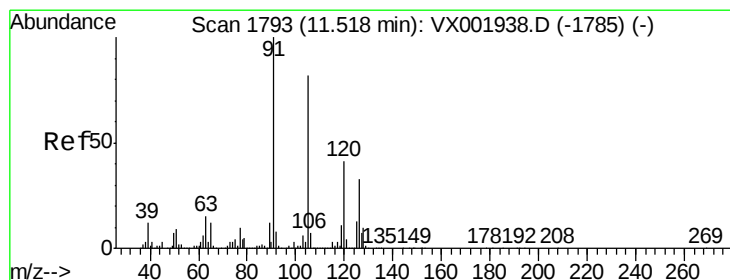
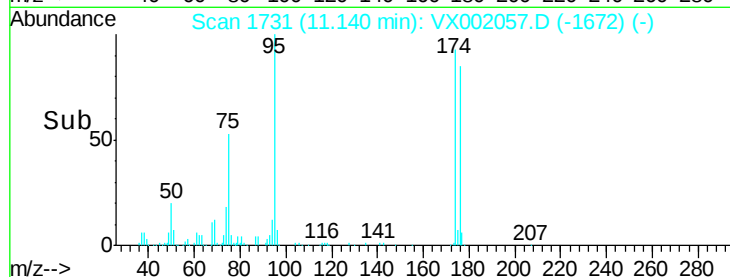
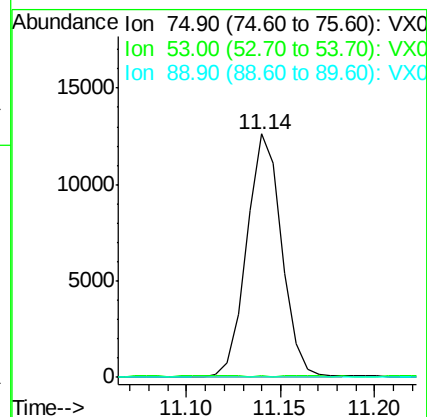
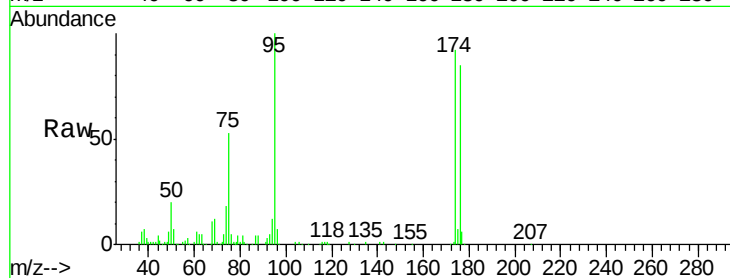
Tot Ion: 75 Resp: 16236

Ion Ratio Lower Upper

75 100

53 0.8 78.0 117.0#

89 0.0 39.4 59.2#



#82

4-Chlorotoluene

Concen: 16.91 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002057.D

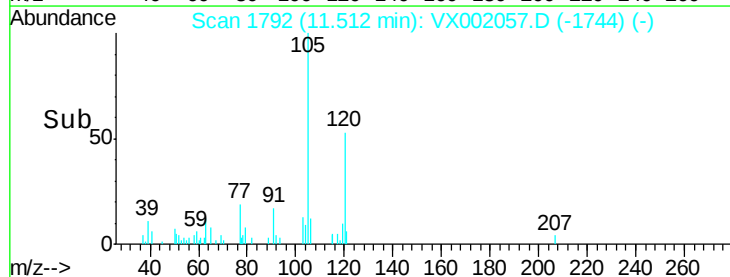
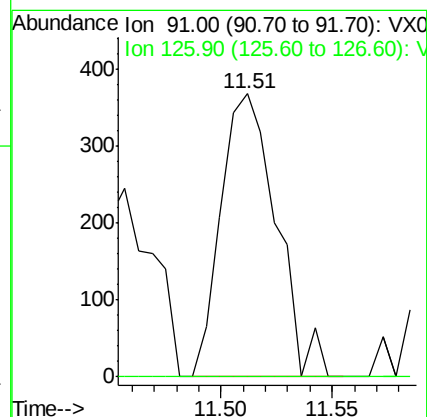
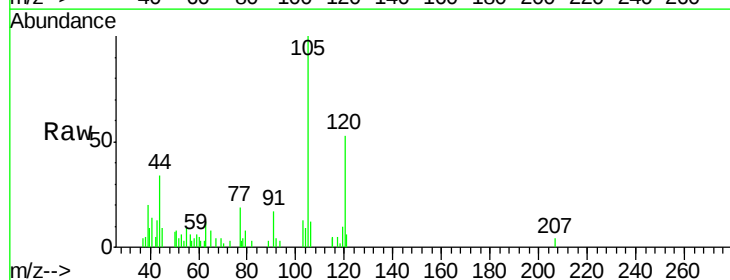
Acq: 27 May 2018 09:09

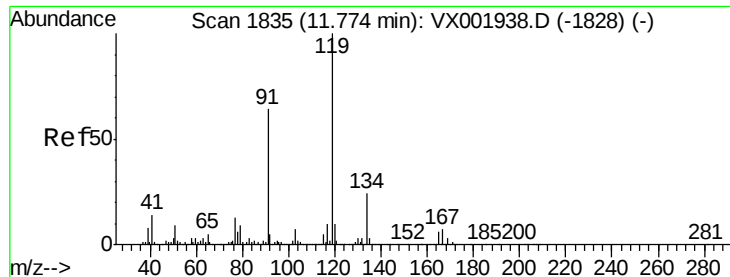
Tgt Ion: 91 Resp: 637

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.8#

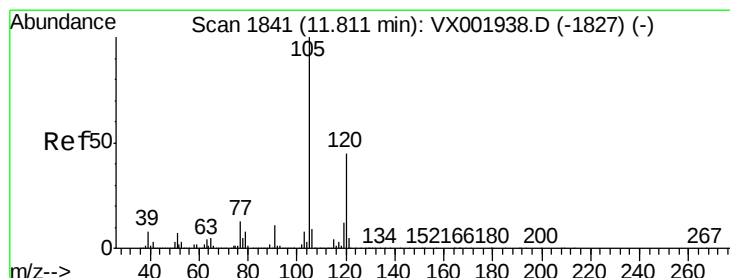
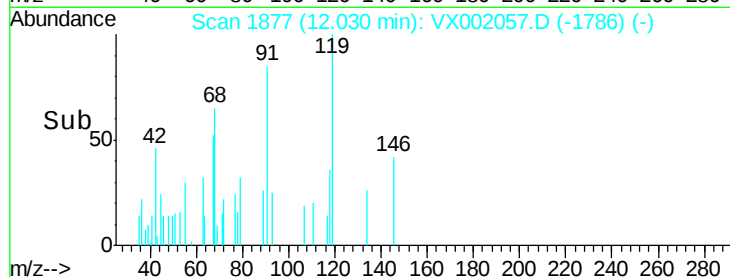
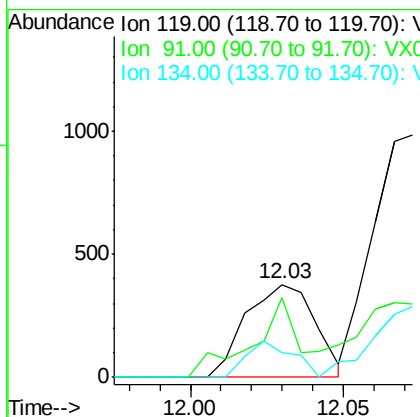
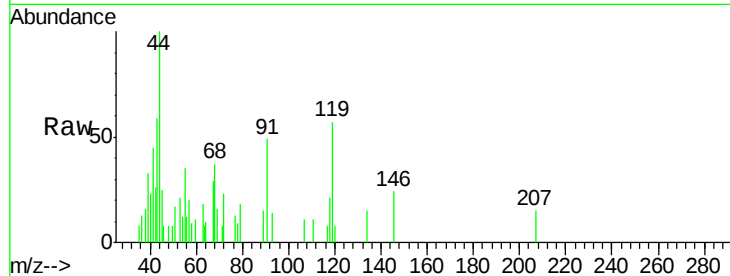




#83
tert-Butylbenzene
Concen: 14.78 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.26 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

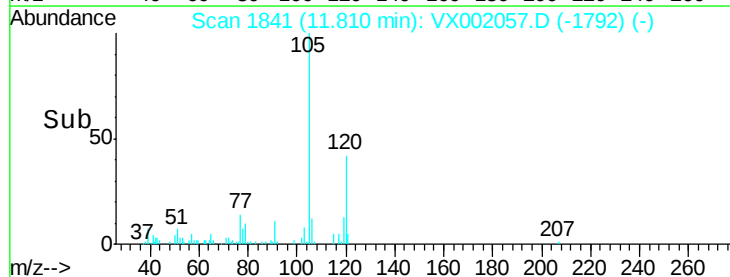
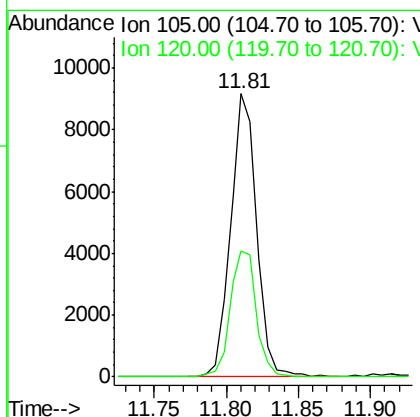
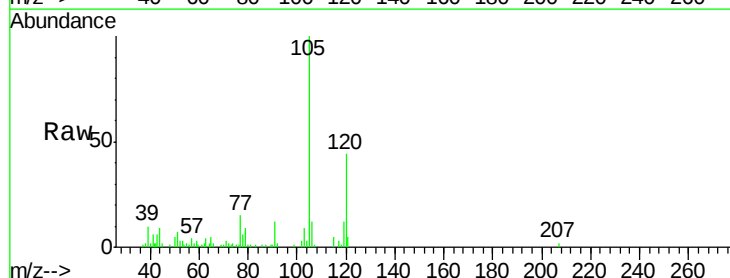
Instrument :
MSVOA_X
ClientSampleId :

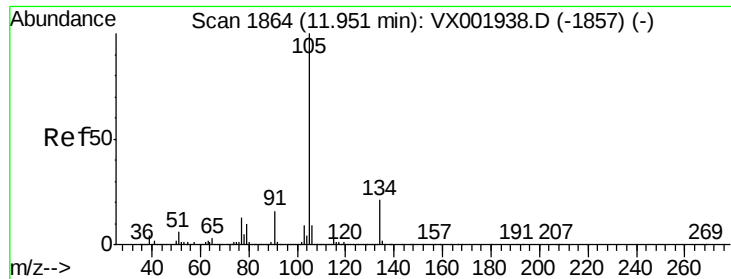
Tot Ion:119 Resp: 591
Ion Ratio Lower Upper
119 100
91 59.4 30.6 91.8
134 26.1 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 275.11 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Tgt Ion:105 Resp: 11583
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.5





#85

sec-Butylbenzene

Concen: 10.65 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

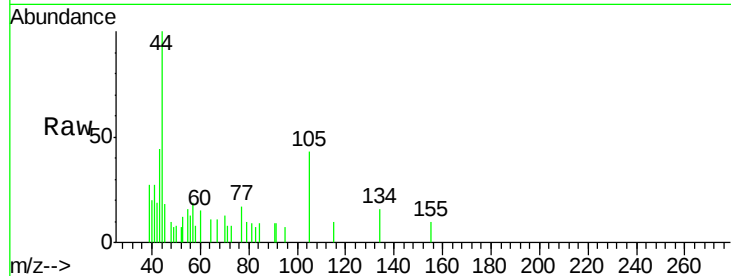
ClientSampleId :

Tot Ion:105 Resp: 512

Ion Ratio Lower Upper

105 100

134 24.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

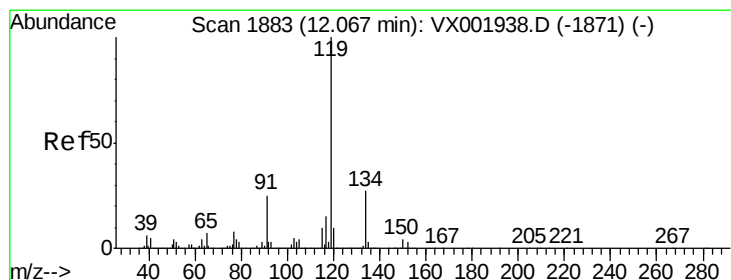
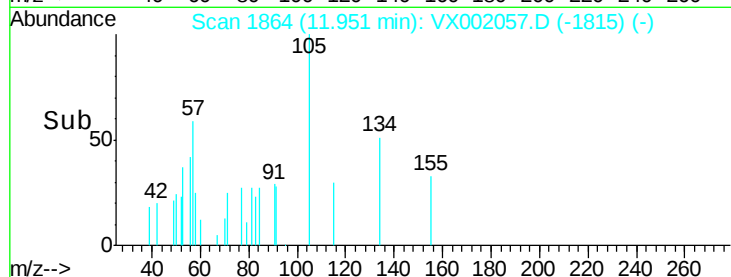
300

200

100

0

Time-->



#86

p-Isopropyltoluene

Concen: 29.93 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

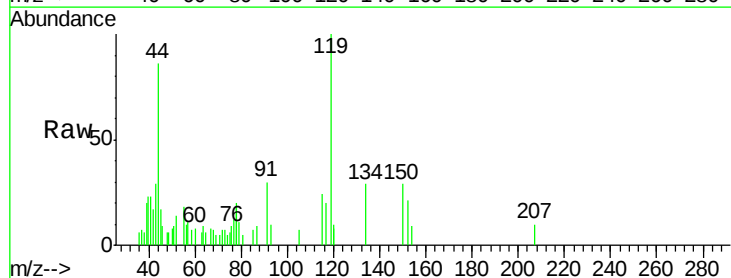
Tgt Ion:119 Resp: 1287

Ion Ratio Lower Upper

119 100

134 28.9 13.6 40.8

91 45.8 12.2 36.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

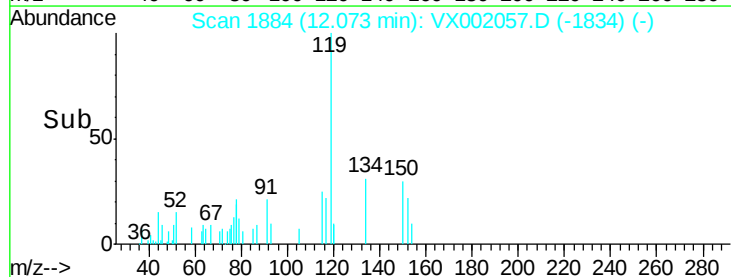
12.07

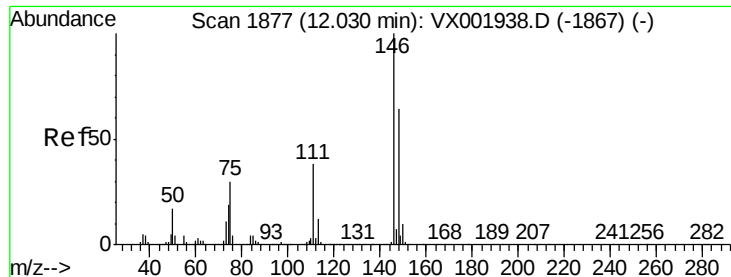
1000

500

0

Time-->

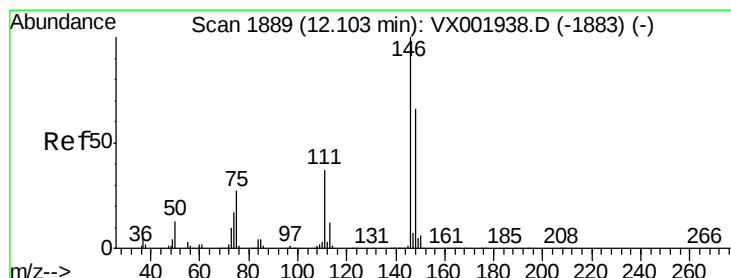
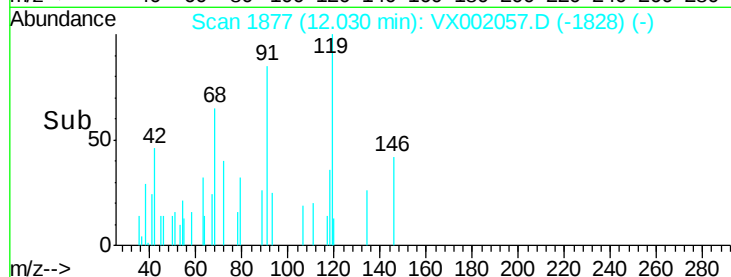
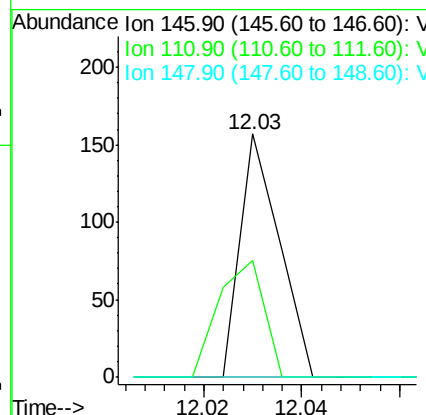
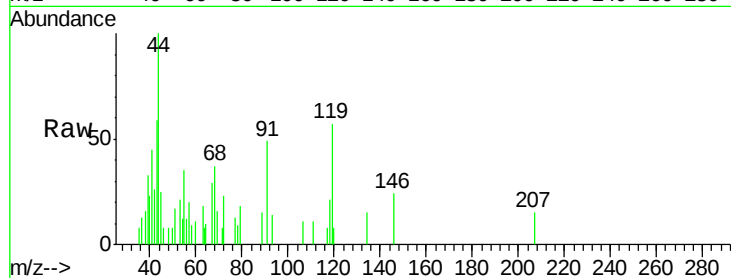




#87
 1,3-Dichlorobenzene
 Concen: 3.84 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

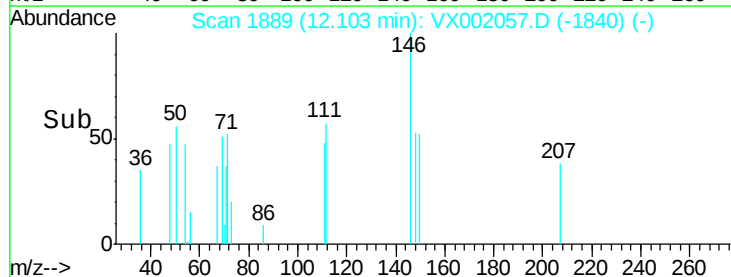
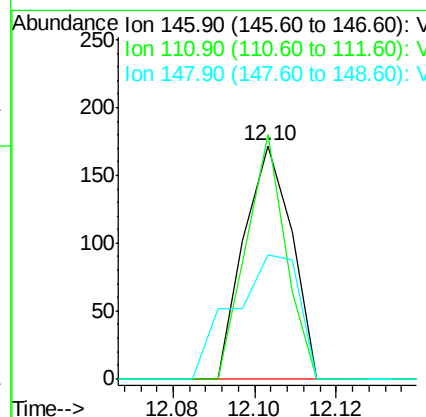
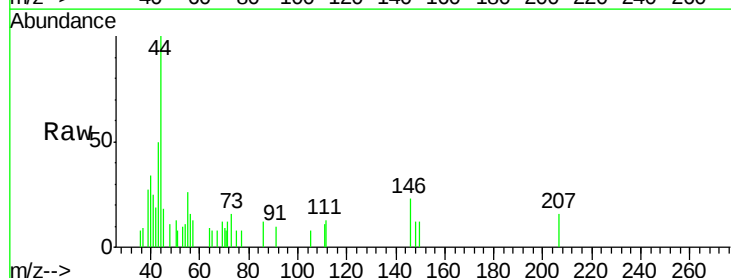
Instrument :
 MSVOA_X
 ClientSampleId :

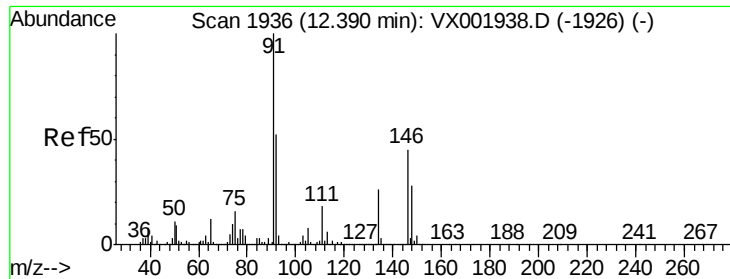
Tot Ion:146 Resp: 87
 Ion Ratio Lower Upper
 146 100
 111 56.3 19.3 57.8
 148 0.0 32.1 96.3#



#88
 1,4-Dichlorobenzene
 Concen: 6.18 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

Tgt Ion:146 Resp: 140
 Ion Ratio Lower Upper
 146 100
 111 86.4 18.9 56.5#
 148 74.3 32.3 96.8





#89

n-Butylbenzene

Concen: 34.47 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

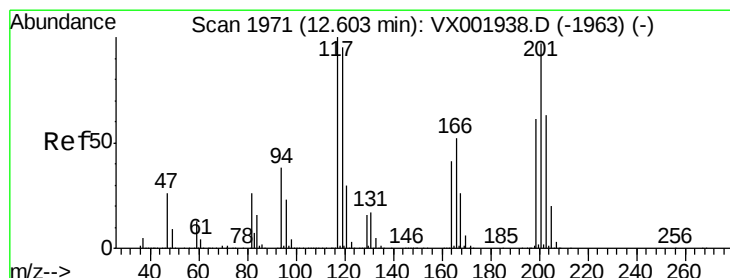
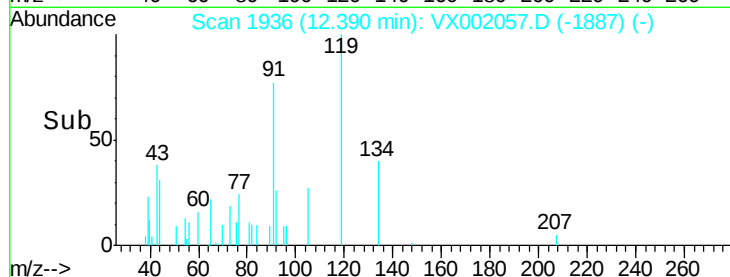
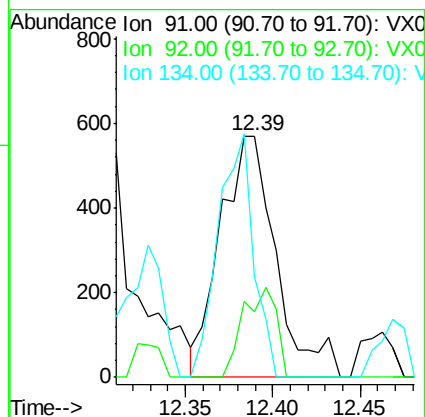
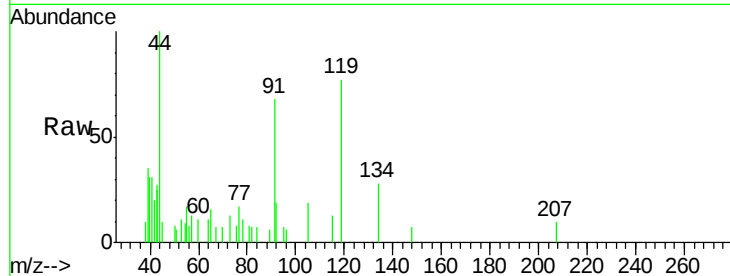
Tot Ion: 91 Resp: 1256

Ion Ratio Lower Upper

91 100

92 22.5 26.3 78.9#

134 64.4 13.6 40.7#



#90

Hexachloroethane

Concen: 36.07 ug/l

RT: 12.61 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VX002057.D

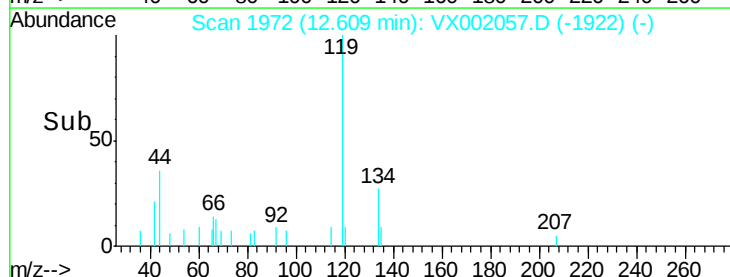
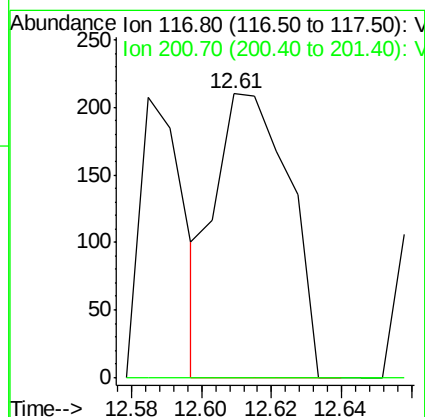
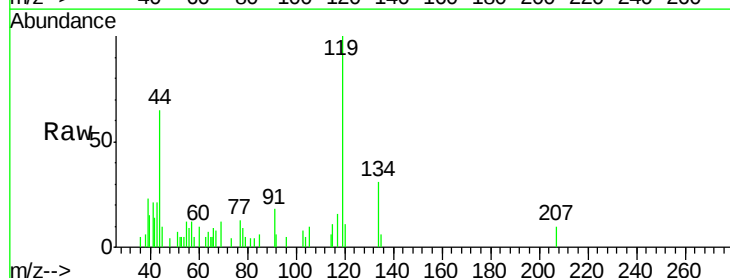
Acq: 27 May 2018 09:09

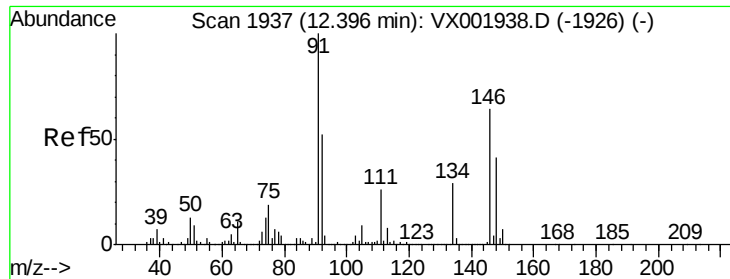
Tgt Ion: 117 Resp: 306

Ion Ratio Lower Upper

117 100

201 0.0 48.0 144.0#





#91

1,2-Dichlorobenzene

Concen: 1.08 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

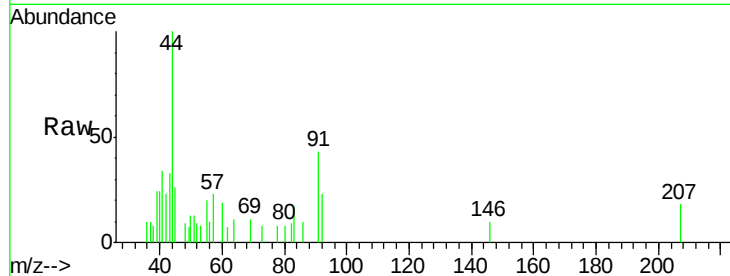
Tot Ion:146 Resp: 25

Ion Ratio Lower Upper

146 100

111 0.0 19.8 59.3#

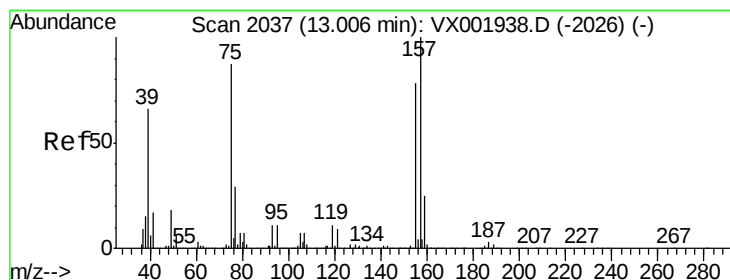
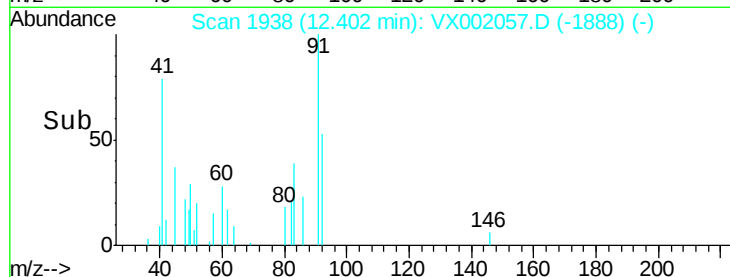
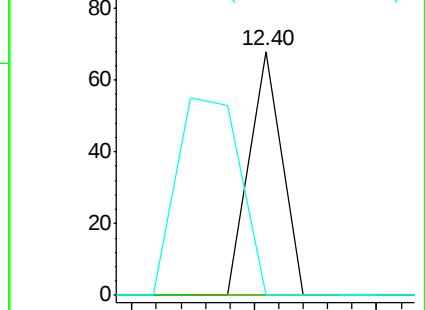
148 160.0 32.1 96.5#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.11 ug/l

RT: 13.03 min Scan# 2041

Delta R.T. 0.02 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

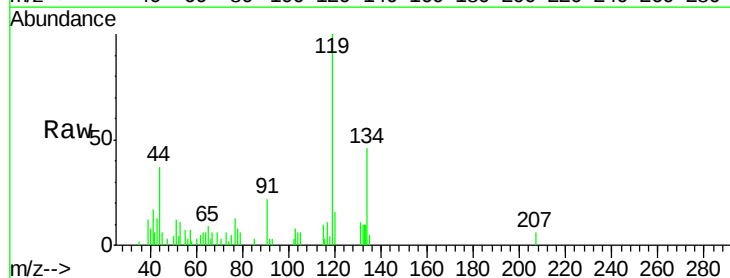
Tgt Ion: 75 Resp: 81

Ion Ratio Lower Upper

75 100

155 0.0 45.1 135.2#

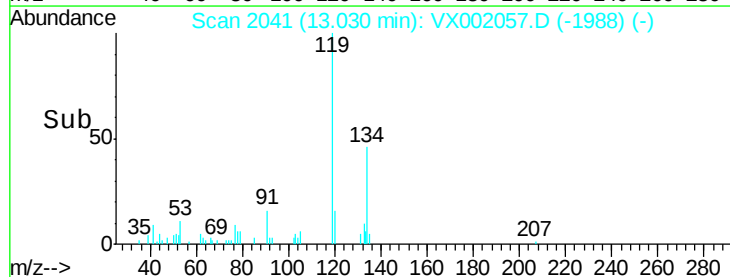
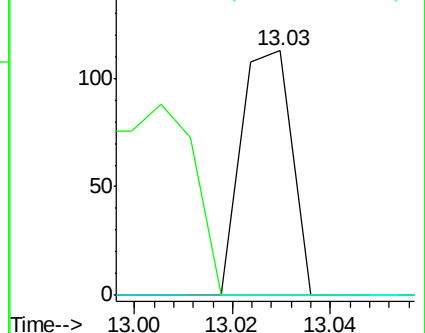
157 0.0 58.1 174.2#

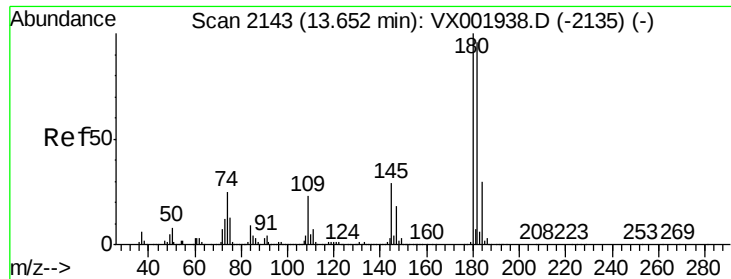


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

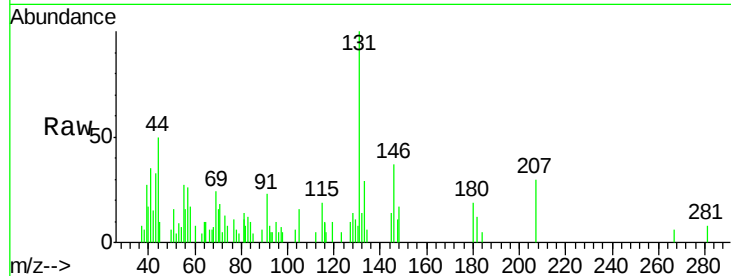




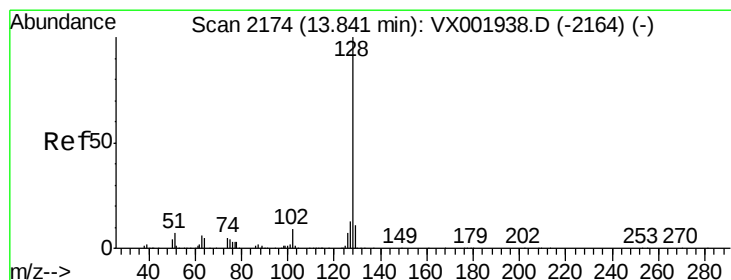
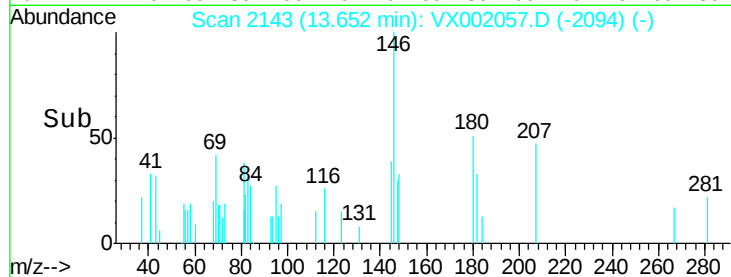
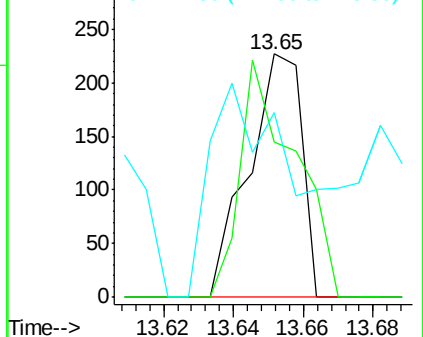
#93
 1,2,4-Trichlorobenzene
 Concen: 14.48 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 239
 Ion Ratio Lower Upper
 180 100
 182 100.4 47.7 143.1
 145 130.1 14.4 43.0#

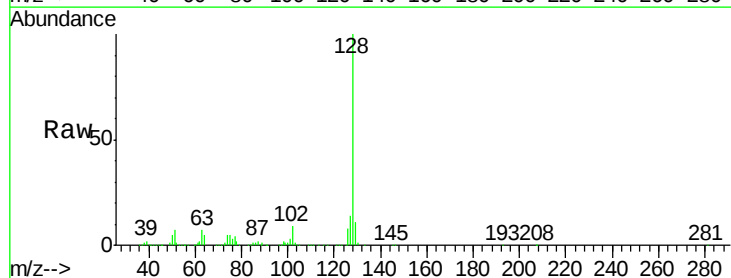


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

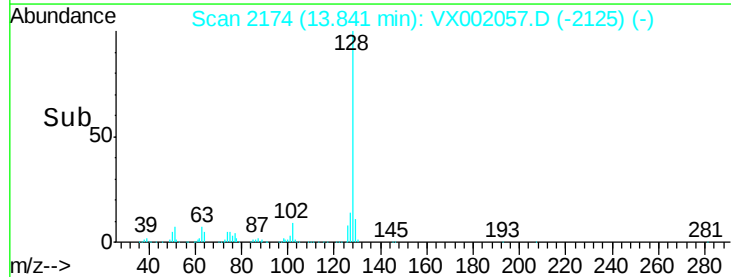
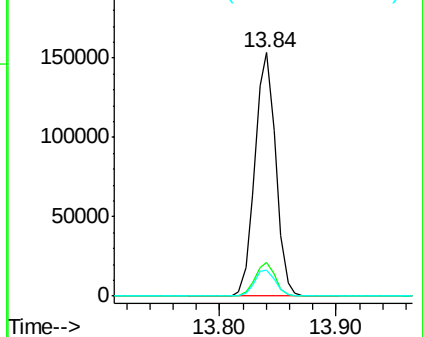


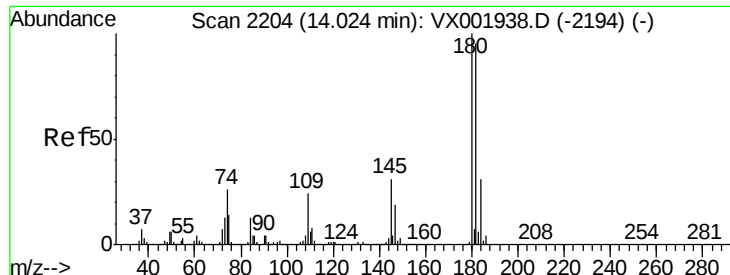
#95
 Naphthalene
 Concen: 3768.30 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

Tgt Ion:128 Resp: 191611
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.4 15.6
 129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

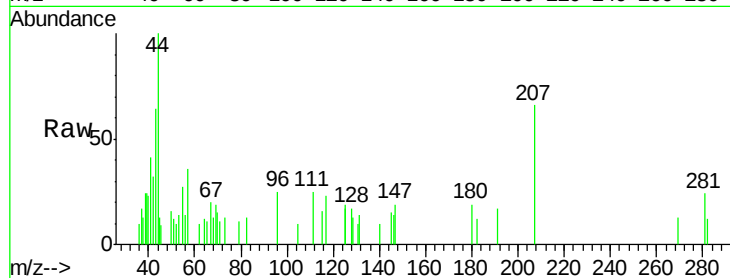




#96
 1,2,3-Trichlorobenzene
 Concen: 3.51 ug/l
 RT: 14.02 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	168.3	47.9	143.6#
145	625.0	15.1	45.3#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

